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ENAMAP-2 Air Pollution Model for Long-Range Transport of Sulfur and Nitrogen Compounds

SRI International, Menlo Park, CA

Prepared for

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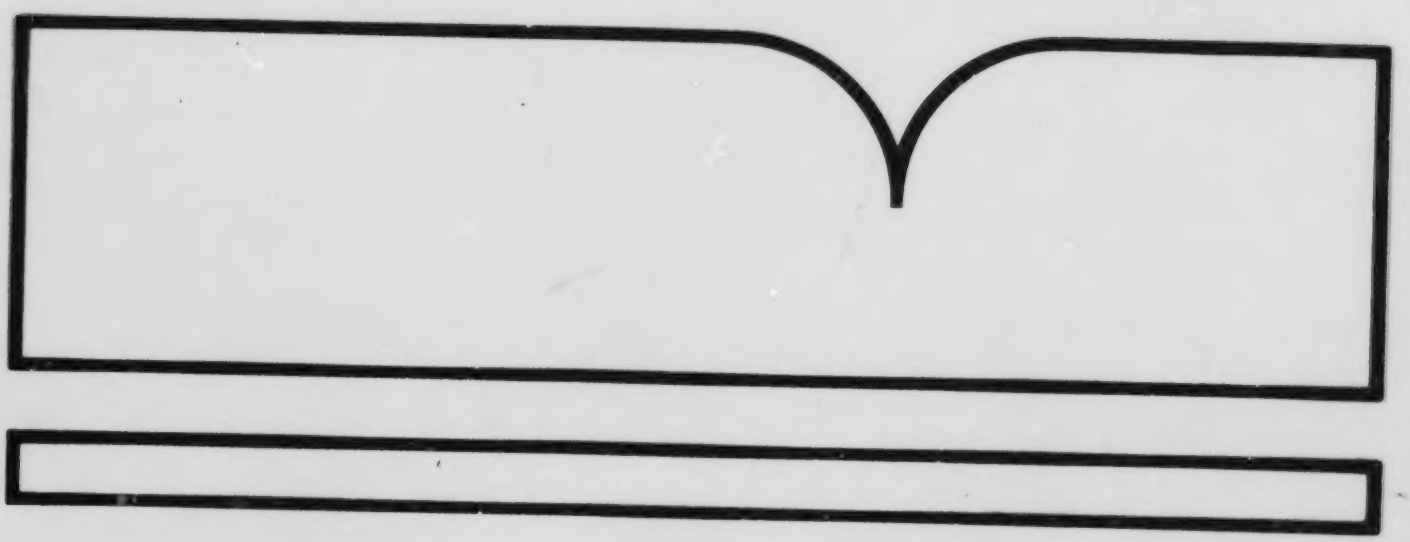

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This report describes the Eastern North American Model for Air Pollution (ENAMAP-2), which simulates the long-range transport and deposition of air pollutants across eastern North America. There are two versions of the model-one for sulfur compounds (ENAMAP-2S) and one for nitrogen compounds (ENAMAP-2N). January and August 1977 SO_2 and sulfate wet and dry depositions and average ambient concentrations were simulated by ENAMAP-2S and compared to those simulated by an earlier version of the model. In addition, a sensitivity study was conducted to estimate model uncertainties resulting from uncertainties in the values of the model parameters. Finally, January and August NO, NO_2, PAN, HNO_3, and NO_3^- wet and dry depositions and average ambient concentrations were simulated.

$NO_3(-1)$

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ABSTRACT

This report describes the Eastern North American Model for Air Pollution (ENAMAP-2) that simulates long-range air pollution transport over eastern North America. The ENAMAP-2S version of the model uses SO_x emissions data inventories and standard daily weather reports to compute the airborne concentrations of SO_2 and sulfate and their deposition on the earth's surface. ENAMAP-2S operates in a Lagrangian manner by tracking pollution puffs emitted periodically over the grid domain. As each puff travels with the winds, chemical processes occur, and the puff loses pollutants by dry and wet deposition processes. For each grid cell the deposition amounts and airborne pollution concentrations are summarized for periods generally taken as one month.

The newest form of the model includes the influences of smoothed terrain on the winds and divides the atmospheric boundary layer into three parts, allowing pollution emissions to be partitioned among the layers. Vertical mixing is controlled by diffusion coefficients computed from fields of wind shear, stability, and mixing depth. The transformation and wet and dry deposition rates are based on recent information; however, there are still substantial uncertainties about them.

Monthly average patterns of the concentration and deposition of sulfur compounds have been computed for January and August 1977. The sensitivity of the output fields to the values selected for input parameters (transformation rate of SO_2 to sulfate, deposition rates, and partitioning of pollution injections) has been determined, and the optimum values of the parameters are given. The simulated airborne monthly concentrations of SO_2 and sulfate generally agree reasonably well with measured air quality values; agreement is within a factor of two.

ENAMAP-2N is a separate version of the model that applies to the long-range transport of oxides of nitrogen. ENAMAP-2N is similar in structure to ENAMAP-2S and represents what we believe to be the first attempt to simulate the chemistry of nitrogen pollutants in a long-range Lagrangian transport model. ENAMAP-2N uses NO_x emissions data and treats the five principal nitrogen compounds: NO, NO_2, PAN, HNO_3 (all gases), and nitrates (aerosols). All these compounds are deposited on the earth by dry and wet processes. ENAMAP-2N has been run for the months of January and August 1977, and the results appear to be quite reasonable.

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SECTION 1

INTRODUCTION

The transport of air pollution over long distances by winds has become a topic of public concern in relation to air quality and also to acid rain. SRI International (SRI) has developed a numerical model for calculating the airborne concentration of air pollution and the deposition of pollution on the earth's surface. This research has been sponsored by EPA for application to eastern North America, and by Umweltbundesamt of the Federal Republic of Germany for application to Europe (Johnson et al., 1978; Bhumralkar et al., 1981). The model uses recent pollution emissions data. Standard weather observations of temperature and wind (from radiosondes), as well as hourly precipitation amounts, are analyzed in order to retain the spatial and temporal detail of meteorological events. In the ENAMAP model, the emissions data and meteorological data are represented on a grid that covers the eastern parts of the United States and Canada. The model shows the patterns of pollution from emission to deposition, and it calculates the exchanges of airborne sulfur compounds and nitrogen compounds among various regions such as states or provinces. These latter computations show how much pollution originates locally and how much is carried in by winds from other areas of the domain.

Previous SRI International reports covered the subject matter outlined below:

- Bhumralkar et al. (1980a) described the basic structure of the ENAMAP model. In this model, the emission puffs (comprised of SO_2 and sulfates) are released every 12 hours from each emission cell and are transported with the low-level winds in 3-hour time steps. During each time step, the transformation of SO_2 to sulfate and the dry and wet deposition amounts are computed in each receptor area.

- The application of ENAMAP-1 to data for January and August 1977 was described by Bhumralkar et al. (1980b).

- Mayerhofer et al. (1981) described the revised model called ENAMAP-1A, which covers a larger domain that includes southeastern Canada. Also, the transformation and deposition rates were changed to agree with recently published values. The monthly average concentrations of SO_2 calculated by the model were in fairly good agreement with air quality measurements; however, the computed sulfate concentrations were approximately twice the measured values. This indicates that the transformation rate was too large or that the sulfate deposition was too low.

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In the present report, we describe the further refinements that are included in the model ENAMAP-2. The functional parts of ENAMAP-2 are shown in Figure 1. The transformation and deposition rates are the same as in ENAMAP-1A, except that the dry deposition rate for sulfate at night has been made equal to the daytime rate in order to correct the previous use of unrealistically low rates at night. The transport winds have been adjusted for the effects of smoothed terrain on the flow. (This is done by making the originally analyzed winds nondivergent.)

The atmospheric boundary layer has been divided into three parts. Initially, the pollutant emissions are allocated to one or more of the layers; thereafter, vertical mixing is controlled by vertical diffusion coefficients calculated from grid-point analyses of wind shear, stability, and mixing depth.

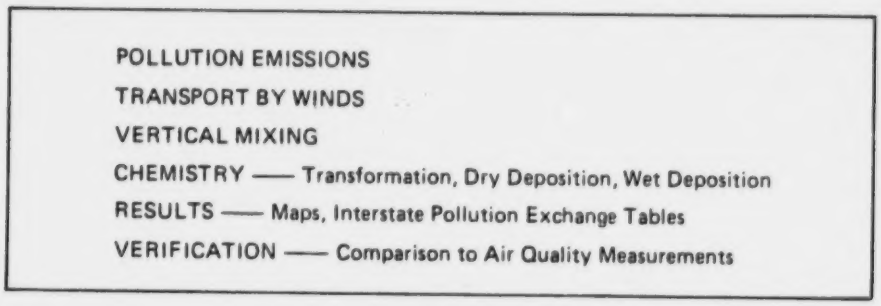

Figure 1. Functional parts of the ENAMAP-2 pollutant transport model.

Section 2 of this report gives a comparison of results from ENAMAP-1A and ENAMAP-2, and Section 3 describes in detail the special features of ENAMAP-2. The calculations of sulfur pollutants for January and August 1977 and comparisons with measurements are described in Section 4. Section 5 describes sensitivity tests made with ENAMAP-2S (the S designates the version for sulfur compounds). Values of model parameters that give the best agreement with air quality data are presented. Section 6 discusses modifications made to the model to enable it to be applied to NO_x emissions. A simplified representation of the complex chemistry of nitrogen compounds is used in this version of the model (designated ENAMAP-2N). The computed patterns of the nitrogen compounds are shown. Section 7 gives conclusions and recommendations.

This study has attempted to strike a balance that represents the complicated meteorological and chemical processes of air pollution within the framework of a practical and efficient numerical model. Similar research concerning long-range pollutant transport includes the European OECD-sponsored Long-Range Transport of Air Pollutants (LRTAP) study (Ottar, 1978), and the Sulfate Regional Experiment (SURE) in the United States. Comprehensive reviews of long-range pollution modeling have been presented recently by

Fisher (1978), Bass (1980), Demerjian (1980), Eliassen (1980), Hosker (1980), Niemann et al. (1980), and Johnson (1981).

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SECTION 2

COMPARISON OF ENAMAP-1A AND ENAMAP-2S

The features of ENAMAP-1A, including its chemical transformation rate and the algorithms used for wet and dry deposition, were discussed by Mayerhofer et al. (1981). These features, along with the comparable features of the new version, ENAMAP-2S, are summarized in Table 1. ENAMAP-2S uses the same grid as ENAMAP-1A; the grid covers the eastern United States and southeastern Canada as shown in Figure 2. ENAMAP-2S uses three layers to represent the atmospheric boundary layer. The pollution emissions are subdivided appropriately between the layers as described in detail in Section 3. Vertical diffusion coefficients are calculated at layer boundaries from values of wind shear and thermal stability; these coefficients control the mixing between the layers (see Section 3). The transformation rate for SO_2 to sulfate is expressed as the sum of two components: a homogeneous transformation rate (based on the work of Altshuller, 1979) and a heterogeneous transformation rate. The values for the homogeneous component are a function of solar insolation and are shown in Table 2 (from Mayerhofer et al., 1981). The heterogeneous component is taken as 0.005 (0.5 percent h^{-1}). The dry deposition follows the development of Sheih et al., (1979) and depends on land-use type (surface characteristics and vegetation), and thermal stability as shown in Tables 3 and 4 (from Mayerhofer et al., 1981). Mayerhofer et al., however, reduced the nighttime deposition velocities for both SO_2 and sulfate to 0.07 cm s^{-1}. For sulfates, this very low value appeared to be unrealistic and to give too little deposition and too large concentrations during the night, so in ENAMAP-2S the sulfate dry deposition values are the same both day and night. The wet deposition rates are a function of rainfall type (dependent on season) and rainfall rate following the work of Scott (1978). The rates are shown in Table 5 (from Mayerhofer et al., 1981). The chemical processes for sulfur compounds are summarized in Figure 3.

In this report we use the same sulfur emissions data for 1977 for the eastern United States and southeastern Canada as used by Mayerhofer et al. (1981), and also the same meteorological data, including the grid-point analyses of transport winds and precipitation.

TABLE 1. ELEMENTS AND PARAMETERS USED IN THE ENAMAP PROGRAMS

Element	Model	
	ENAMAP-1A*	ENAMAP-2S
Number of layers	1	3
Grid size	70 km	Same as ENAMAP-1A
Emission data	Data provided by season	Same as ENAMAP-1A except that the emissions may be initially subdivided between layers
Domain	Eastern United States and southeastern Canada	Same as ENAMAP-1A
Puff frequency	12 hours	Same as ENAMAP-1A
Tracking increment	3 hours	Same as ENAMAP-1A
Weather data	Standard daily observations	Same as ENAMAP-1A
Mixing height (km) $H = h_o + \zeta\Lambda$ †	$h_o = 1.3$; $\zeta = -0.15$	Varies diurnally (climatological values)
Puff height	Same as mixing height	Not used explicitly
Transport windspeed (V) and direction (θ)	Based on surface and 850-mb winds integrated over boundary layer	Same as ENAMAP-1A except adjusted for terrain effects
Vertical diffusion	Immediate uniform mixing up to mixing height	Mixing between layers is controlled by diffusion coefficients computed from wind shear and stability
Horizontal diffusion	Constant expansion rate	Same as ENAMAP-1A
$SO_2/SO_4^=$ transformation rate (h^{-1})	Depends on solar insolation (see Table 2)	Same as ENAMAP-1A
Dry deposition rates (h^{-1})		
SO_2	Depends on surface characteristics, stability, and time of day (see Table 3)	Same as ENAMAP-1A
$SO_4^=$	See Table 4	Same as ENAMAP-1A
Wet deposition rates (h^{-1})		
SO_2 and $SO_4^=$	Depends on rain type and rate (see Table 5)	Same as ENAMAP-1A

*See Mayerhofer et al. (1981).

†Λ is a seasonal parameter equal to +1 in winter, -1 in summer, and 0 in spring and fall.

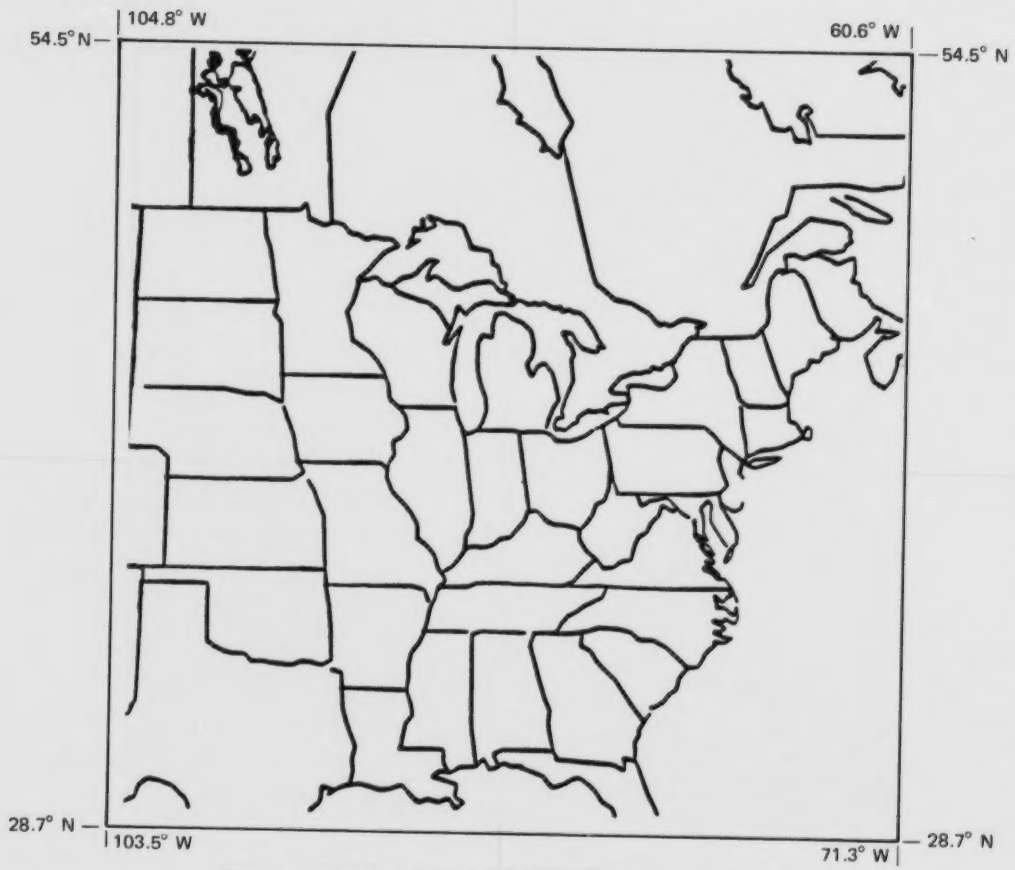

Figure 2. Model domain covering eastern North America.

TABLE 2. TRANSFORMATION RATE (h^{-1}) FOR SO_2 AND $SO_4^=$ BASED ON HOMOGENEOUS MECHANISMS

Rate: $K_1 = 2[a + b \ln (\text{latitude } °N)]/100$

Season	Empirical Constants		Transformation Rate (h^{-1}) at	
	a	b	35°N Latitude	45°N Latitude
Summer	6.3	-1.4	0.0265	0.0194
Fall/spring	4.4	-1.0	0.0169	0.0119
Winter	2.5	-0.61	0.0066	0.0036

TABLE 3. SO_2 DRY DEPOSITION VELOCITIES (cm s^{-1}) BY LAND-USE TYPE

Land-Use Type	Winter			Summer		
	Slightly Stable	Neutral	Slightly Unstable	Slightly Stable	Neutral	Slightly Unstable
Swamp	0.45	0.65	0.65	0.55	0.95	0.75
Marshland	0.25	0.35	0.35	0.05	0.35	0.85
Metropolitan city	0.55	0.65	0.65	0.05	0.05	0.05
Lake or ocean	0.35	0.75	0.55	0.35	0.75	0.55
Cropland and pasture	0.25	0.45	0.45	0.05	0.35	0.75
Cropland, woodland and grazing pasture	0.55	0.75	0.75	0.05	0.35	0.75
Irrigated crops	0.25	0.35	0.35	0.05	0.35	0.85
Grazed forest and woodland	0.25	0.35	0.35	0.05	0.35	0.85
Ungrazed forest and woodland	0.25	0.35	0.35	0.05	0.35	0.85
Subhumid grassland and semiarid grazing land	0.25	0.45	0.45	0.05	0.25	0.75
Open, grazed woodland	0.25	0.45	0.45	0.05	0.25	0.75
Desert shrubland	0.25	0.35	0.35	0.05	0.35	0.85

TABLE 4. $SO_4^=$ DRY DEPOSITION VELOCITIES (cm s^{-1}) BY LAND-USE TYPE

Land-Use Type	Winter			Summer		
	Slightly Stable	Neutral	Slightly Unstable	Slightly Stable	Neutral	Slightly Unstable
Swamp	0.65	0.75	0.75	0.65	0.85	0.85
Marshland	0.85	0.95	0.95	0.85	0.95	0.95
Metropolitan city	0.85	0.95	0.95	0.85	0.95	0.95
Lake or ocean	0.25	0.35	0.35	0.25	0.35	0.35
Cropland and pasture	0.35	0.55	0.45	0.65	0.85	0.85
Cropland, woodland and grazing pasture	0.65	0.85	0.85	0.75	0.85	0.85
Irrigated crops	0.85	0.95	0.95	0.85	0.95	0.95
Grazed forest and woodland	0.85	0.95	0.95	0.85	0.95	0.95
Ungrazed forest and woodland	0.45	0.95	0.95	0.85	0.95	0.95
Subhumid grassland and semiarid grazing land	0.35	0.55	0.45	0.65	0.85	0.85
Open, grazed woodland	0.35	0.55	0.45	0.65	0.85	0.85
Desert shrubland	0.85	0.95	0.95	0.85	0.95	0.95

TABLE 5. WET DEPOSITION RATE (h^{-1}) FOR SO_2 AND $SO_4^=$ BASED ON THE PRECIPITATION RATE, R (mm^{-1})

Rate: $K_w = (aR^b)$

Pollutant	Season	Empirical Constants		Wet Deposition Rate (h^{-1}) for 5 mm h^{-1} of Rain
		a	b	
SO_2	Summer	0.14	0.12	0.1698
	Fall/spring	0.036	0.53	0.0845
	Winter	0.009	0.70	0.0278
$SO_4^=$	Summer	0.39	0.06	0.4295
	Fall/spring	0.091	0.27	0.1405
	Winter	0.021	0.70	0.0648

CHEMICAL PROCESSES FOR SULFUR COMPOUNDS

TRANSFORMATION OF SO_2 TO $SO_4^=$

DEPENDS ON SOLAR INSOLATION. VARIES FROM 0.01 h^{-1} (1% h^{-1}) IN WINTER TO 0.04 h^{-1} IN SUMMER.

WET DEPOSITION RATE

SO_2: DEPENDS ON RAINFALL TYPE AND RATE. FOR 5 mm h^{-1} OF RAIN, VARIES FROM 0.03 h^{-1} (WINTER) TO 0.17 h^{-1} (SUMMER).

$SO_4^=$: SIMILAR TO SO_2. FOR 5 mm h^{-1} OF RAIN, VARIES FROM 0.06 h^{-1} (WINTER) TO 0.43 h^{-1} (SUMMER).

DRY DEPOSITION VELOCITY

SO_2: DEPENDS ON LAND CHARACTERISTICS AND VEGETATION, STABILITY, SEASON AND TIME OF DAY. VALUES VARY FROM 0.05 cm s^{-1} TO 0.95 cm s^{-1}.

$SO_4^=$: SIMILAR TO SO_2 EXCEPT NO DEPENDENCE ON TIME OF DAY. VALUES VARY FROM 0.25 cm s^{-1} TO 0.95 cm s^{-1}.

Figure 3. Summary of ENAMAP-2 transformation and deposition rates.

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SECTION 3

DETAILED DESCRIPTION OF ENAMAP-2S

USE OF MULTIPLE LAYERS

In ENAMAP-1A the lower atmosphere was treated as a single layer in which uniform mixing up to the mixing depth occurred immediately after release of pollutants. This is a simplification that does not account for differences between emissions from area sources (which may enter the atmosphere close to the ground) and those from point sources (which enter several hundred meters above ground). Also, vertical mixing is not instantaneous; it is dependent on diffusion rates that vary from day to night and also depend on position above or below the mixing depth.

In the interest of physical realism, in ENAMAP-2S we divided the lower atmosphere into three layers. This is done using terrain-following coordinates (sigma surfaces) that divide the boundary layer into proportionate parts (Figure 4). The formula for the value of sigma (σ) at height z (above sea level) is

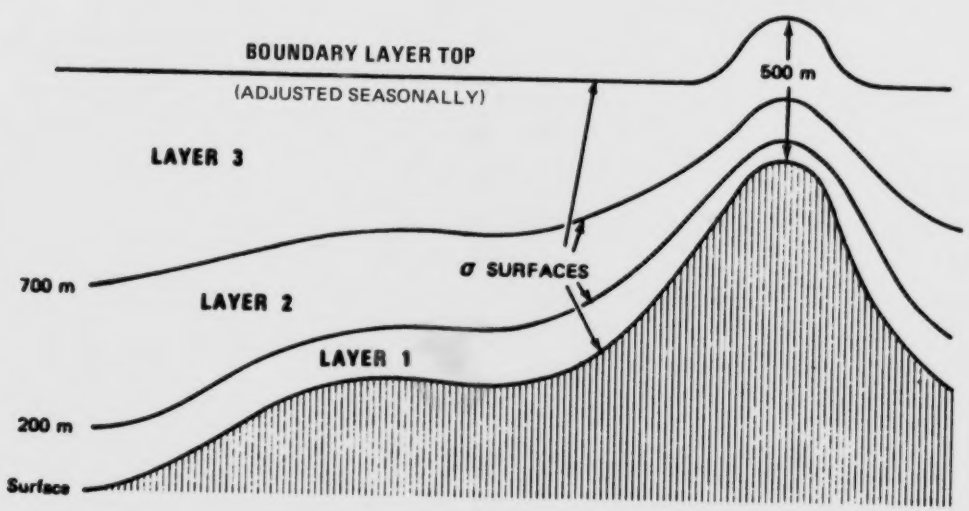

Figure 4. Division of the atmospheric boundary layer into three parts using terrain-following coordinates.

$$\sigma \equiv \frac{z - h(x,y)}{H(x,y) - h(x,y)} \quad , \qquad (1)$$

where h(x,y) is the height of the terrain (above sea level), and H(x,y) is the corresponding height of the boundary layer top at that time and place. The σ values are chosen so that for locations near sea level the lowest surface is at anemometer height (10 m). The next σ surface is chosen to be at approximately 200 m above ground (for locations near sea level). The third σ surface is at 700 m (for locations near sea level), and the boundary layer top is the uppermost σ surface. The boundary layer top is taken at 1150 m in winter 1450 m in summer, and 1300 m in spring or autumn, except over a few points where the smoothed terrain is relatively high. Over high terrain, the thickness of the boundary layer tends to be large during the daytime (particularly in summer) and relatively small at night (particularly when winds are light). We selected a value of 500 m as a typical minimum boundary layer thickness over mountainous terrain.

TERRAIN ADJUSTMENT TO WINDS

The terrain within the ENAMAP domain is shown in Figure 5. The terrain heights were selected from global terrain-height data obtained from the National Center for Atmospheric Research (NCAR) at Boulder, Colorado. The NCAR magnetic tapes of global terrain data contain smoothed values at 30-minute intersections of latitude and longitude. The values are approximately 50 km apart; we interpolated these data to obtain values at points of the 70 km ENAMAP grid. This smoothed terrain does not represent local maximum and minimum values (such as mountain peaks or small valleys). The effects of this smoothed terrain on winds are, therefore, on the subsynoptic scale and do not include mesoscale phenomena such as mountain waves or the trapping of air under inversions in small valleys.

We have computed the influence of the smoothed terrain on the boundary layer flow in a manner similar to that described by Bhumralkar et al. (1980c) and Endlich et al. (1982). The grid point winds as initially estimated are modified so that the flow passes over and around the mountain barriers of Figure 5 in a realistic manner. This is done by adjusting the flow so that it becomes nondivergent. The steps in the calculation are:

- Step 1: From the 850-mb and 10-m wind analyses, we compute the winds on the internal σ surfaces by interpolation, assuming that u and v vary linearly with the logarithm of the height above terrain. This gives smooth changes of u and v (and wind speed and direction) with height.

- Step 2: We make the reasonable assumption (supported by the computations of Bhumralkar et al., 1980c) that the flow is parallel to the surfaces. For each volume element (defined by grid points and sigma surfaces) the inflow or outflow is computed. The inflow on a given face of an element is proportional to the winds normal to the face and to the area of the face. Ideally, the net inflow for a volume element should be zero. If it is not, small alterations are made to the wind components to make the flow nondivergent.

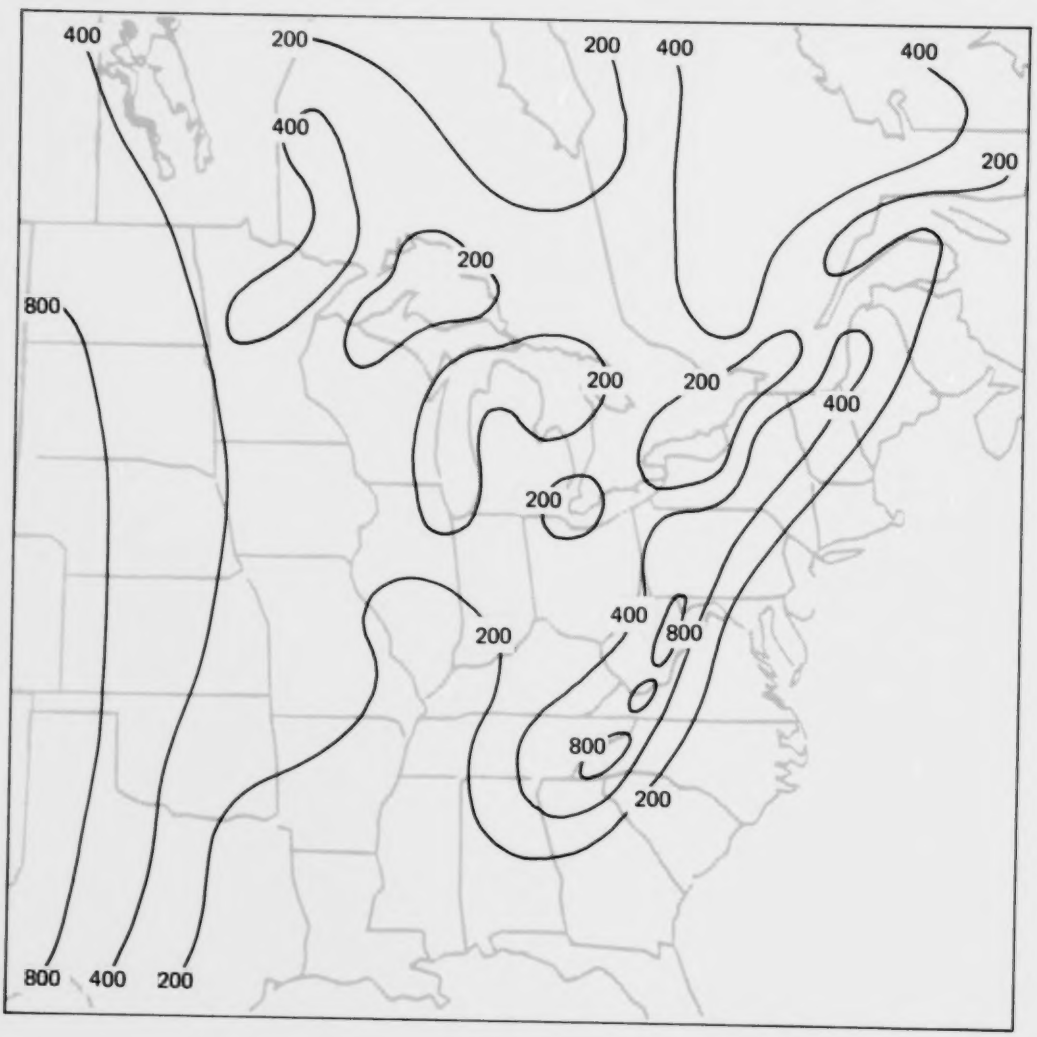

Figure 5. Smoothed terrain heights (m).

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This type of iterative solution has been described by Endlich (1967), Liu and Goodin (1976), and Chen (1980). The method works well for the ENAMAP applications and it has the advantage that altered wind values can be computed separately for each layer, thereby minimizing computer storage and running time. (The results of applying this methodology to data for January 1977 are described later.)

EMISSION INPUT IN LAYERS

Section Head

The emissions used in ENAMAP-2S (based on data from the SURE and NEDS inventories and from Environment Canada) are shown in Figure 6. (More recent information indicates that these values may be as much as 25 percent too high in industrial areas.) The rationale for the initial vertical injection of emissions, as decided in consultation with the Project Officer, is the following. In the daytime, pollutants become well mixed within approximately one-half hour after they are emitted. This time interval is equivalent to a travel distance of about 15 km or less even for strong winds, and this distance is much smaller than the receptor grid size (70 km). Therefore, we assume instantaneous, complete mixing within the three layers of the model during daylight hours. Computationally, this is achieved by dividing the emissions between the layers in proportion to the layer depths, thereby giving uniform initial concentrations.

At night, mixing is, of course, limited by stable lapse rates. For point sources of either SO_2 or NO_x, the typical plume rise is several hundred meters (Briggs, 1972); therefore, point sources initially enter layer 2 (see Figure 7). The 1977 SO_2 emissions were predominantly (92 percent) from point sources (U.S. Environmental Protection Agency, 1980); therefore, at night all SO_2 emissions are placed initially in layer 2. NO_x pollutants are divided approximately evenly between point and area sources. Point source NO_x is placed initially in layer 2 for the same reasons given above. On the other hand, approximately 90 percent of NO_x area emissions come from vehicles; therefore, as shown in Figure 7, all NO_x area emissions are placed initially in layer 1.

VERTICAL DIFFUSION COEFFICIENTS

The layers shown in Figure 4 are also used in the vertical diffusion computation. We compute vertical eddy-diffusion coefficients, D_z, at layer boundaries as a function of wind shear and stability (following Bhumralkar, 1976) using the formulas:

$$D_z = L^2(\partial V/\partial z)(1 - \alpha(S-4)), \qquad \text{(Unstable)} \qquad (2)$$

$$D_z = L^2(\partial V/\partial z)/(1 + \alpha(S-4), \qquad \text{(Stable)} \qquad (3)$$

where $\partial V/\partial z = [(\partial u/\partial z)^2 + (\partial v/\partial z)^2]^{1/2}$.

The stability parameter (S) is computed from solar insolation (latitude and time of day) and wind speed following Turner (1969); it varies from 1

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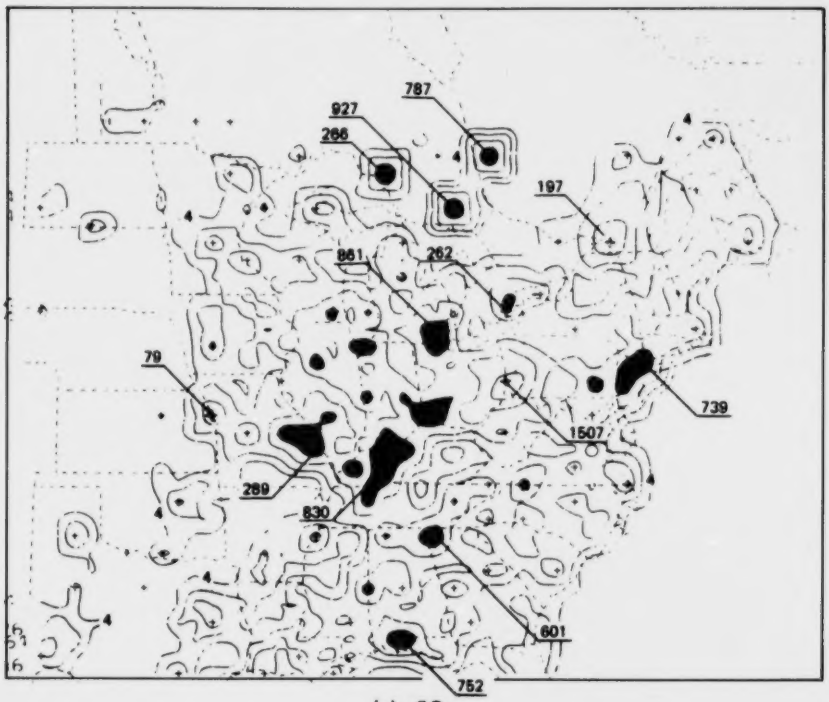
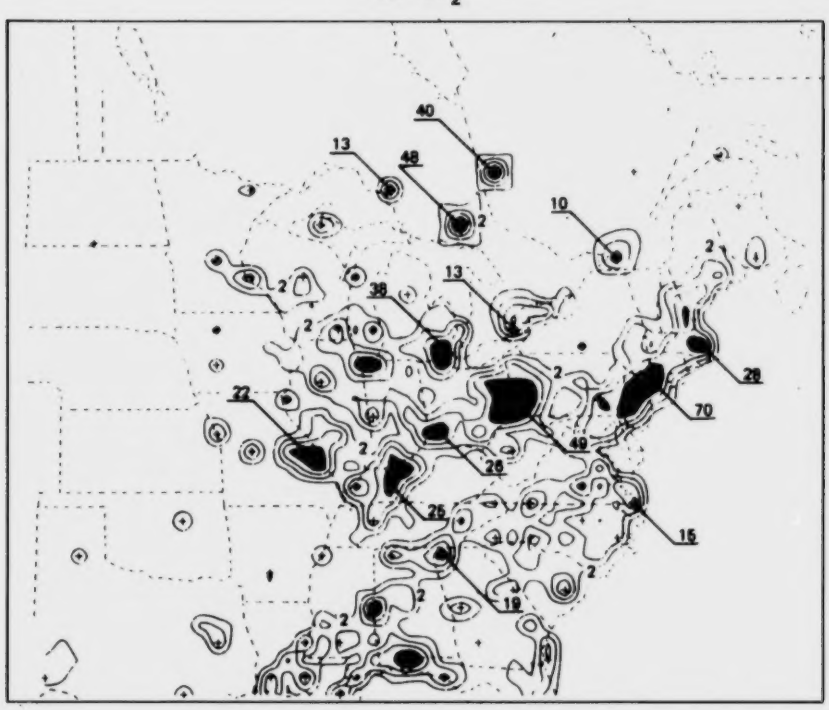


(a) SO_2



(b) SULFATE

Figure 6. Annual SO_2 and sulfate emissions for 1977 (10^{-1} ton km^{-2})

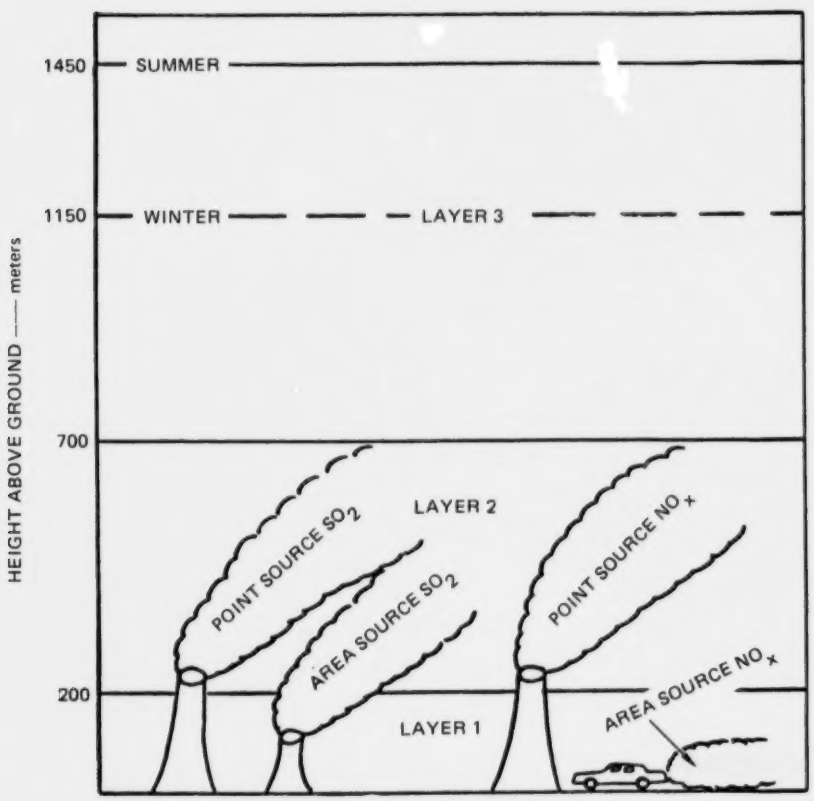


Figure 7. Nightime injection of emissions in layers.

(unstable) to 6 (stable). (A value of 4 is neutral.) The mixing length (L) depends on height above the terrain; it is defined as $0.4z/(1+0.4z/13.5)$. The empirical parameter α is 3.

The above formulas are appropriate for giving diffusion coefficients (in the units $m^2\ s^{-1}$) beneath the mixing depth; however, the large diurnal variability in the mixing depth needs to be considered. At each σ surface in a vertical column, a check is needed to determine whether the point is above the mixing depth, and if it is, the diffusion coefficient must be reduced to an appropriately low value. This will give a profile of diffusion coefficients that increases away from the ground and drops off to a low value above the mixing depth.

We have introduced the mixing depth into the computation of D_z in the following way: climatological values of mixing depth for the proper time of year are determined at grid points for early morning and afternoon from maps given by Holzworth (1972). (The morning values represent urban areas and are higher than in non-urban regions.) Grid point values of mixing depths are entered as arrays in VERTDF, the program that computes D_z. The afternoon values of mixing depth are used to represent the daytime hours of 10,13, 16, and 19 EST, and the morning values are used to represent the nighttime hours. Each point in the three-dimensional grid of ENAMAP is tested to determine if it is above the mixing depth appropriate to that location and hour.

The empirical factors in Equations 2 and 3 have been adjusted so that values of D_z lie in the range from 1.5 to 10.0 $m^2\ s^{-1}$ for points beneath the mixing depth. The higher values are, of course, associated with large wind shear and thermal instability. For points above the mixing depth, D_z is set to 1.0 $m^2\ s^{-1}$ during daytime hours, and to 0.5 $m^2\ s^{-1}$ during nighttime hours. These values are typical of weak vertical diffusion.

VERTICAL MIXING

The vertical diffusion expression

$$\frac{\partial C}{\partial t} = \frac{\partial}{\partial z}\left[D_z \frac{\partial C}{\partial z}\right] \tag{4}$$

is represented by the finite difference form

$$\frac{\partial C_j}{\partial t} = \left[\frac{D_{j-1/2}}{\Delta z_{j-1} h_j}\right] C_{j-1} - \left[\frac{D_{j-1/2}}{\Delta z_{j-1} h_j} + \frac{D_{j+1/2}}{\Delta z_j h_j}\right] C_j + \left[\frac{D_{j+1/2}}{z_j h_j}\right] C_{j+1} \quad , \tag{5}$$

where:

C_j is the concentration of a species at the jth spatial mesh point

Δz_j is the distance between the jth and $(j+1)$th mesh points

h_j is the cell height, defined by $h_j = (z_{j-1} + z_j)/2$

$D_{j-1/2}$ is the diffusion coefficient at the midpoint between the (j-1) and jth mesh points

$D_{j+1/2}$ is the diffusion coefficient at the midpoint between the jth and (j+1)th mesh points.

There is an equation of this type for each concentration in the vertical (in our case, for three layers). The geometry of the mesh is shown in Figure 8.

In the Crank-Nicolson method (see Crank, 1967) one solves simultaneously for a new set of concentrations in all layers of a column. Denoting current, past, and predicted values of concentration by C^o, C^-, and C^+ respectively, the finite-difference approximation for the local change of concentration at point m is

$$\frac{\partial C}{\partial t} = \frac{C_m^+ - C_m^-}{2\Delta T} \quad . \tag{6}$$

If we assume for simplicity that the grid increments are uniform, then the space second derivative at point m is represented by

$$\frac{\partial^2 C}{\partial x^2} = \frac{C_{m+1} - 2C_m + C_{m-1}}{(\Delta z)^2} \quad . \tag{7}$$

At time T+(1/2) T

$$\frac{\partial C^o}{\partial T} = \frac{C_m^+ - C_m^o}{\Delta T} \quad . \tag{8}$$

Also the space derivative at time T+(1/2)ΔT is taken as the average of Equation 7 and a corresponding equation at T + ΔT. This leads to

$$C_m^+ = C_m^o + \frac{\Delta T}{2(\Delta z)^2}\left[\left(C_{m+1}^+ + C_{m+1}^o\right) - 2\left(C_m^+ + C_m^o\right) + \left(C_{m-1}^+ + C_{m-1}^o\right)\right] \tag{9}$$

The matrix of simultaneous equations for the points in a column has non-zero coefficients only on the diagonal and immediately adjacent to it. The solution is obtained using an efficient algorithm for the tridiagonal matrix given by Todd (1962).

The boundary conditions used are as follows: For the lower boundary condition, we use an image point and assume its concentration is the same as that in layer 1 (see Figure 4). This is tantamount to assuming zero flux at the ground and is consistent with the input of pollution puffs. For the upper boundary conditions, one could specify the flux (generally upwards) if it were known; unfortunately it is usually not known. It would probably be feasible to set the upward flux on an arbitrary basis, e.g., as a fraction of the pollutant mass in the three layers of the column. For the present, however, the upward flux has been set to zero.

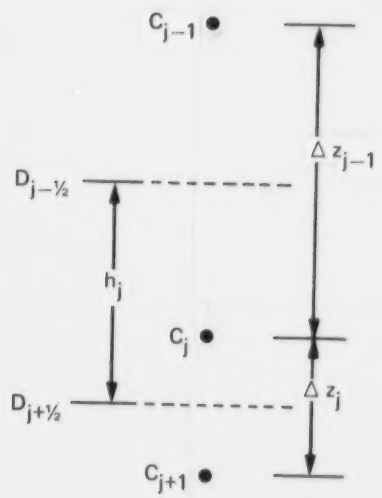


Figure 8. Mesh geometry used in vertical mixing computations.

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SECTION 4

APPLICATION OF ENAMAP-2S

ENAMAP-2S has been run for the months of January and August 1977 with the emissions data and meteorological fields used previously by Mayerhofer et al. (1981). Computations were made separately for each of the 41 regions (states and provinces) that compose the computational domain and were combined to give overall results. The large amount of computation involved can be seen from the following example. For the emissions for Ohio (1 region out of the total of 41) for January 1977, ENAMAP tracked approximately 1,000 puffs for a total of approximately 24,000 tracking steps, and the average puff was followed for 78 hours before passing out of the model domain. The results are shown below in the form of maps and exchange tables for airborne concentrations and dry and wet deposition of SO_2 and sulfate, and comparisons are given with the previous results from ENAMAP-1A.

COMPARISON OF ENAMAP-2S AND ENAMAP-1A BUDGETS

The computations for the three states of Ohio, Indiana, and Illinois may be used to compare the two models for January (Table 6) and August (Table 7). For the SO_2 computations, the two models do not differ to a major degree. For sulfate, comparison shows greatly increased dry deposition in ENAMAP-2S. This is due mainly to the replacement of low nighttime rates with the same rates that are used in the daytime. Also, sulfate wet deposition is decreased. Combined dry and wet deposition of sulfate computed by ENAMAP-2S is approximately 90 percent greater than ENAMAP-1A for January and only 8 percent greater for August. The differences between the budgets of the two models are mainly due to the different rates used for nighttime dry deposition of sulfate rather than to differences in their vertical structure or in the injection of emissions.

MODEL RESULTS

The average airborne SO_2 concentration field computed using ENAMAP-2S with emissions from all regions for the month of January 1977 is shown in Figure 9. The concentrations shown are those for the lowest layer of the model. The pattern of greatest amounts reflects the largest emission sources in the Ohio River Valley and extends downwind to the East Coast. It is assumed that the air coming into the domain from the west is pollution free, which is not entirely true, as shown by the measured concentrations in eastern Colorado and western Texas (Figure 9c). The SO_2 concentrations given by ENAMAP-2S are slightly higher than those given by ENAMAP-1A. The patterns of computed and measured concentrations are in general agreement; however, the computed values are smoother and have less small-scale structure.

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TABLE 6. COMPARISON OF ENAMAP-1A AND ENAMAP-2S BUDGETS FOR ILLINOIS, INDIANA, AND OHIO EMISSIONS (kton) FOR JANUARY 1977

Process	ENAMAP-1A	ENAMAP-2S
SO_2		
Total emitted	645.1	645.1
Wet deposition	-7.2	-7.5
Dry deposition	-213.5	-242.6
Flux*	-165.4	-126.7
Transformation (SO_2 $SO_4^=$)	-259.0	-268.4
$SO_4^=$		
Emitted	15.3	15.3
Total emitted and transformed	403.8	417.9
Wet deposition	-11.7	-8.6
Dry deposition	-131.7	-262.6
Flux*	-260.4	-146.7

*Flux is the amount of SO_2 or $SO_4^=$ that was transported out of the model domain by the wind.

TABLE 7. COMPARISON OF ENAMAP-1A AND ENAMAP-2S BUDGETS FOR ILLINOIS, INDIANA, AND OHIO EMISSIONS (kton) FOR AUGUST 1977

Process	ENAMAP-1A	ENAMAP-2S
SO_2		
Total emitted	582.9	582.9
Wet deposition	-164.7	-153.9
Dry deposition	-68.1	-88.7
Flux*	-7.5	-1.7
Transformation (SO_2 $SO_4^=$)	-342.3	-338.5
$SO_4^=$		
Emitted	12.4	12.4
Total emitted and transformed	525.9	520.3
Wet deposition	-305.7	-238.4
Dry deposition	-170.7	-273.4
Flux*	-49.5	-8.5

*Flux is the amount of SO_2 or $SO_4^=$ that was transported out of the model domain by the wind.

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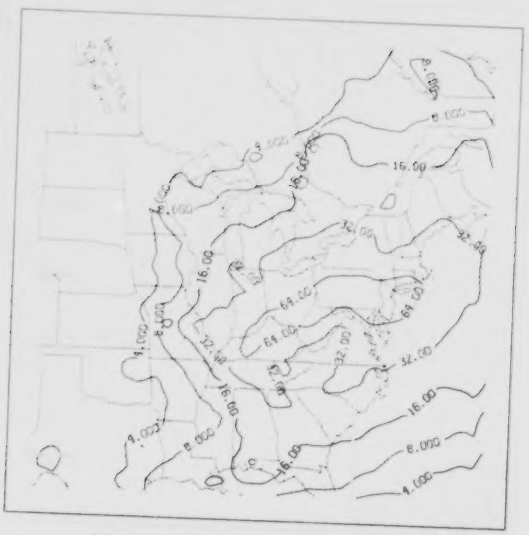
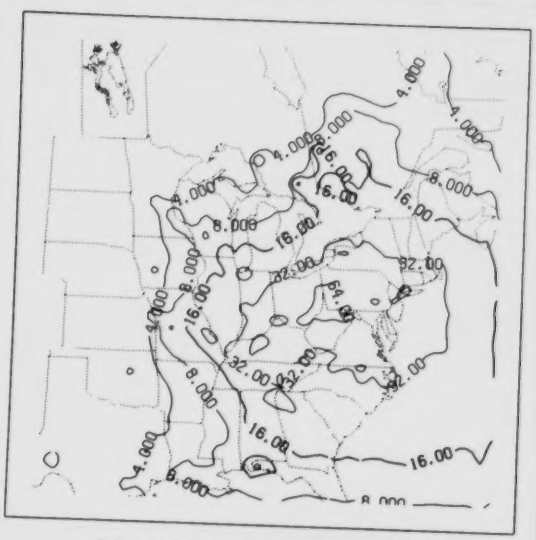
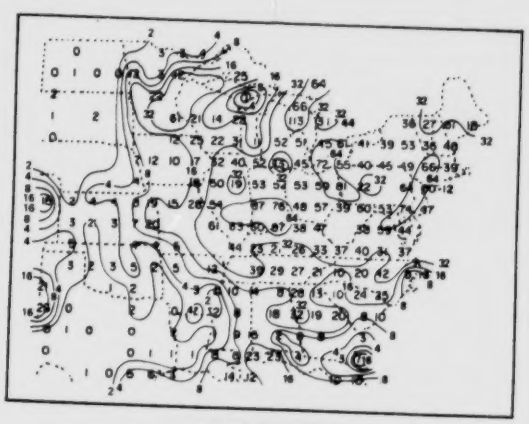


(a) CALCULATED BY ENAMAP-2S



(b) CALCULATED BY ENAMAP-1A



(c) MEASURED

Figure 9. SO_2 concentrations ($\mu g\ m^{-3}$) for January 1977.

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The SO_2 monthly average dry deposition computed using ENAMAP-2S is shown in Figure 10a. The deposition is based on the SO_2 concentration in the lowest layer of the model. The values are slightly larger than those given by ENAMAP-1A. The SO_2 wet deposition amounts from ENAMAP-2S (based on precipitation amounts and the total SO_2 in the three layers) are shown in Figure 11a. They are quite similar to those computed by ENAMAP-1A (Figure 11b).

Section Head

As shown in Table 6, the amounts of SO_2 transformed to sulfate are approximately the same in ENAMAP-2S and ENAMAP-1A. The monthly average airborne concentrations of sulfate from the two models are shown in Figure 12. The differences are minor, and both sets of values are consistently larger than the measured concentrations (Figure 12c). Figure 13 shows that the ENAMAP-2S sulfate dry deposition is somewhat larger than for ENAMAP-1A. As mentioned previously, this is due to the increased rate used at night (the same as the daytime rate) in ENAMAP-2S. The ENAMAP-2S wet deposition of sulfate is about the same as that for ENAMAP-1A (Figure 14).

Maps of ENAMAP-2S and ENAMAP-1A results for August 1977 similar to those shown above are given in Appendix A.

INTERREGIONAL EXCHANGE TABLES

Complete exchange tables (showing the total amount of sulfur deposited in each state or province and the places where it originated) are given in Appendix B. Table 8 (for August 1977) is an example. (Total sulfur in kilotons is computed as $S = SO_2/2 + SO_4^=/3$.) An example of how to interpret this table follows: The values along the diagonal of the matrix represent the amount deposited within each emitter region from its own emissions; for example, 26.4 kton of the sulfur depositions within Alabama (Emitter Region 1) came from its own emissions. Similarly, Illinois (Emitter Region 7) receives from itself 40.6 kton of sulfur deposition. The values in each column (for a given emitter region) show the amount of deposition it received from each of the other emitter regions. For example, Indiana (Emitter Region 8) received 1.5 kton from Alabama, 0.1 kton from Arkansas, 15.3 kton from Illinois, and so forth.

SIGNIFICANCE OF RESULTS

The computations discussed above show that the ENAMAP-2S results averaged for a month are very similar to those obtained previously with ENAMAP-1A (Mayerhofer et al., 1981), except in regard to the dry and wet deposition of sulfate. The use in ENAMAP-2S of three vertical layers, nighttime emissions introduced into layer 2, and transport winds corrected for smoothed terrain did not substantially change the results compared to the use of a single mixed layer and uncorrected winds in ENAMAP-1B. This indicates that the effects of the greater complexity of ENAMAP-2S are smoothed out over a period as long as a month. For example, the nighttime emissions injected into layer 2 mix downward on succeeding days so that low-level concentrations and depositions are fairly close to those computed using a single mixed layer. On the other hand, for particular short-term episodes we expect that significant differences will exist between the results of the two models. This has not yet been verified.

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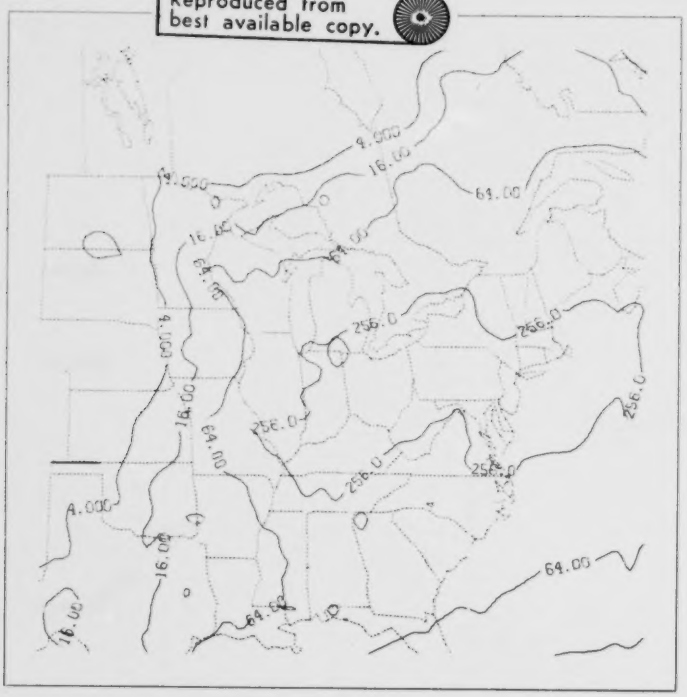
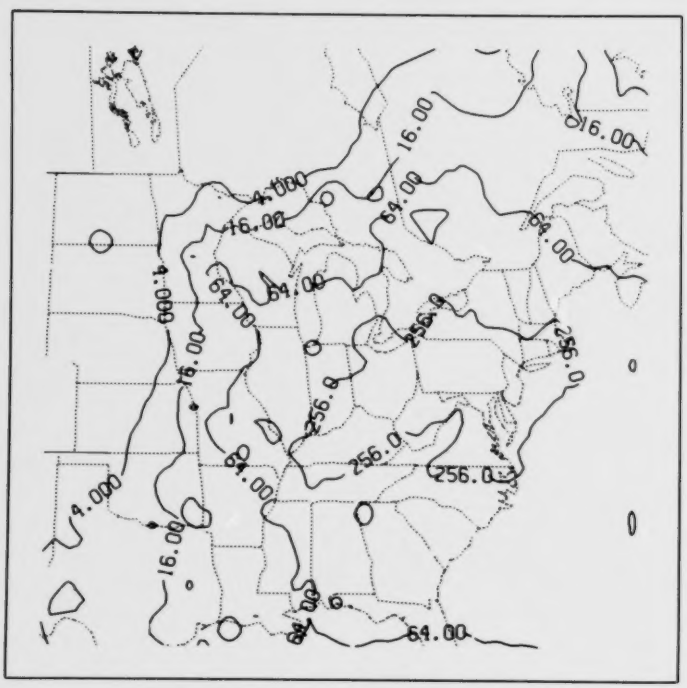


(a) CALCULATED BY ENAMAP-2S



(b) CALCULATED BY ENAMAP-1A

Figure 10. SO_2 dry deposition (mg m^{-2}) for January 1977.

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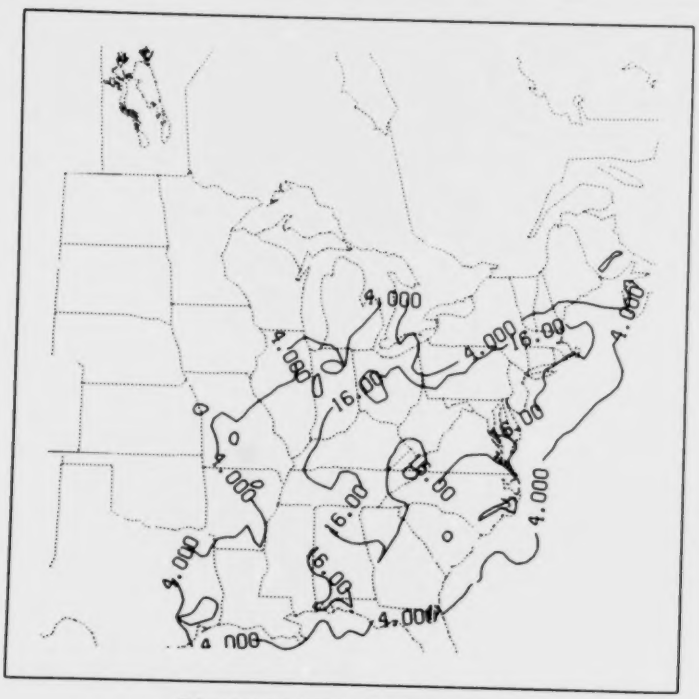
(a) CALCULATED BY ENAMAP-2S



(b) CALCULATED BY ENAMAP-1A

Figure 11. SO_2 wet deposition (mg m^{-2}) for January 1977.

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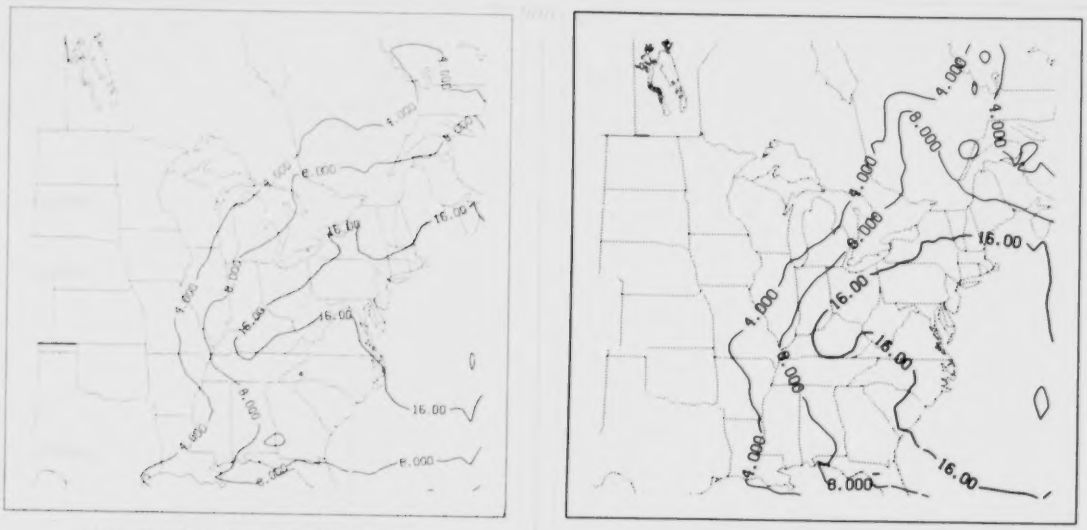
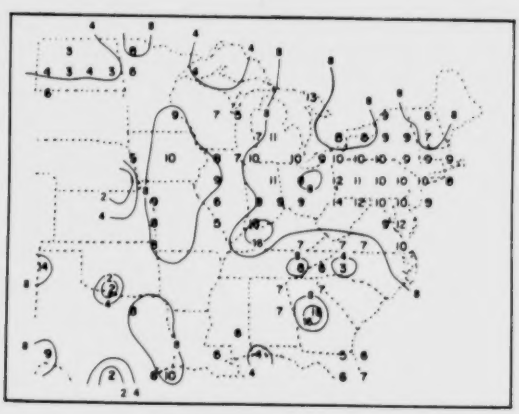


(a) CALCULATED BY ENAMAP -2S

(b) CALCULATED BY ENAMAP-1A



(c) MEASURED

Figure 12. Sulfate concentrations ($\mu g\ m^{-3}$) for January 1977.

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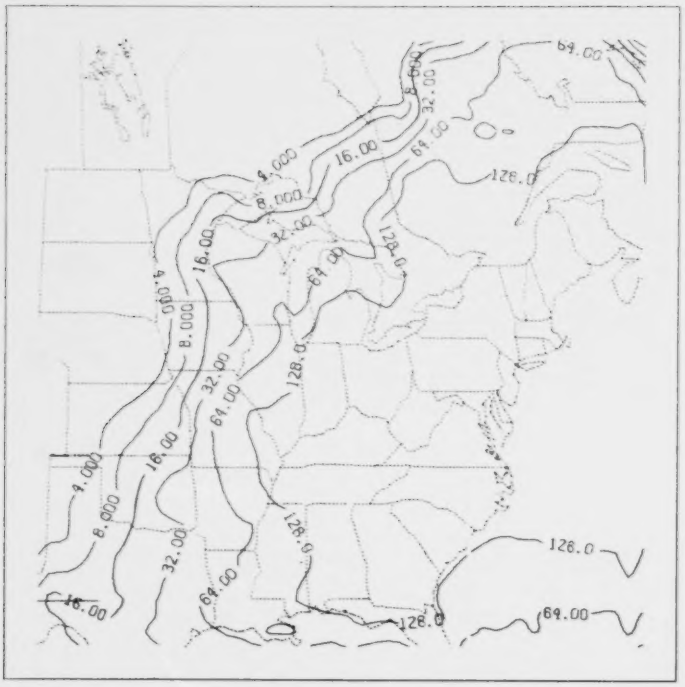
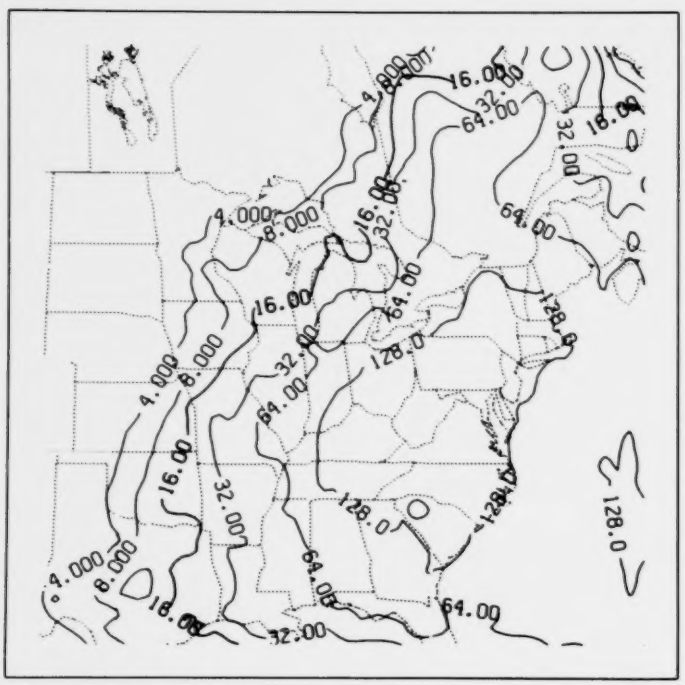


(a) CALCULATED BY ENAMAP-2S



(b) CALCULATED BY ENAMAP-1A

Figure 13. Sulfate dry deposition (mg m^{-2}) for January 1977.

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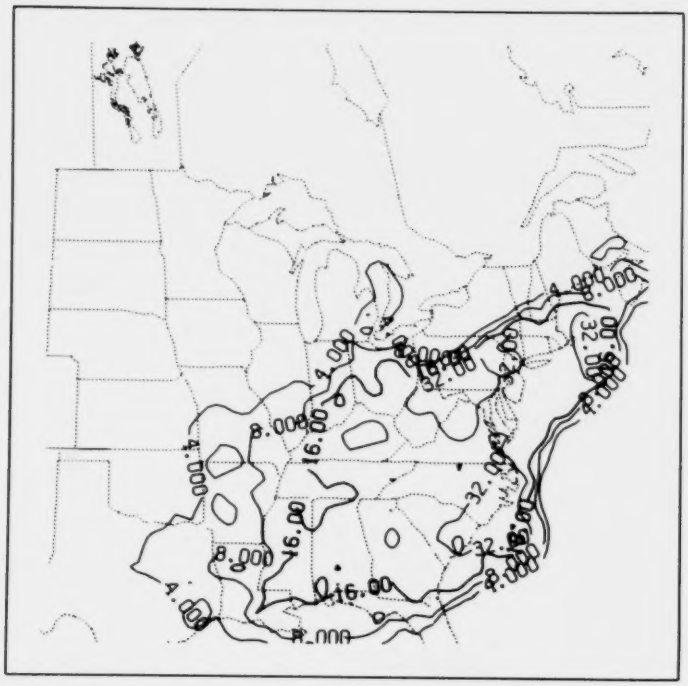
(a) CALCULATED BY ENAMAP-2S



(b) CALCULATED BY ENAMAP-1A

Figure 14. Sulfate wet deposition (mg m^{-2}) for January 1977.

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TABLE 8. COMPUTED SULFUR DEPOSITION DUE TO INTERREGIONAL EXCHANGES OF AIRBORNE SULFUR FOR AUGUST 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO S DEPOSITIONS WITHIN RECEPTOR REGIONS 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	26.4	3.0	.0	.0	4.5	4.0	1.0	1.5	.0	.1	3.6	7.4	.0	.2	0.
2 ARKANSAS	.0	1.3	.0	.0	.0	.0	.3	.1	.0	.0	.1	.1	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	.0	5.0	.0	.1	0.	.0	.0	.0	.0	.0	.0	0.	0.
5 FLORIDA	.6	.1	0.	.0	2.7	1.2	.0	.0	.0	.0	.0	.0	.0	0.	0.
6 GEORGIA	7.9	.3	.0	.0	1.0	16.3	.0	.2	.0	.0	1.4	1.1	.0	.0	0.
7 ILLINOIS	.2	2.6	0.	.1	0.	.0	40.6	15.3	3.0	.0	4.5	.4	.4	4.7	.0
8 INDIANA	.4	.4	0.	.2	.0	.1	3.8	27.0	.0	.0	10.7	.2	.9	5.8	0.
9 IOWA	.0	.0	.0	.0	0.	0.	.9	.2	5.8	.2	.0	.0	.0	.7	.8
10 KANSAS	0.	.0	.0	0.	0.	0.	.1	.0	.3	.6	0.	.0	.0	.0	.0
11 KENTUCKY	1.2	.2	0.	.4	.0	.2	.4	8.2	.0	.0	29.4	.4	.2	.3	0.
12 LOUISIANA	.5	1.1	.0	.0	.5	.2	.2	.0	.1	.1	.0	10.8	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.8	0.	0.
14 MICHIGAN	.0	0.	0.	.0	0.	0.	.2	.9	.0	0.	.4	0.	2.6	14.2	.0
15 MINNESOTA	0.	.0	0.	.0	0.	0.	.3	.1	.8	.0	.0	0.	.0	1.3	3.8
16 MISS.	.5	.7	.0	.0	.2	.1	.1	.0	.0	.0	.1	2.4	.0	.0	0.
17 MISSOURI	.1	1.4	.0	.0	.0	.0	13.3	2.4	3.2	3.2	.6	.1	.1	.5	.2
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	0.	0.	0.	.0	.0	.2	.0	.0	0.	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.1	0.	0.
21 NEW JERSEY	0.	0.	0.	.2	.0	.0	0.	0.	0.	0.	0.	0.	.0	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	3.0	0.	0.
24 N CAROLINA	.6	.0	.0	.4	.2	1.9	.0	.0	.0	.0	.5	.1	.0	.0	0.
25 N DAKOTA	0.	0.	.0	0.	0.	0.	.0	.0	.1	.0	0.	0.	.0	.0	.2
26 OHIO	.2	0.	0.	2.2	0.	.0	.0	.4	0.	0.	3.7	0.	2.4	.1	0.
27 OKLAHOMA	0.	.1	.0	0.	0.	0.	.1	.0	.3	1.1	.0	.0	.0	.0	.0
28 PENN.	.0	0.	0.	5.9	.0	.0	0.	0.	0.	0.	0.	.0	2.1	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
30 S CAROLINA	.6	.0	.0	.0	.3	3.4	.0	.0	.0	.0	.1	.4	.0	.0	0.
31 S DAKOTA	0.	0.	.0	0.	0.	0.	.0	.0	.0	.0	0.	0.	.0	.0	.0
32 TENNESSEE	1.2	1.8	.0	.1	.0	.5	.8	2.0	.0	.1	8.4	.8	.0	.3	0.
33 TEXAS	.0	.4	.2	0.	.0	.0	.2	.0	.3	1.4	.0	.6	.0	.0	.0
34 VIRGINIA	.2	.0	0.	3.0	.0	.7	.0	.0	.0	.0	.3	.0	.0	0.	0.
35 W VIRGINIA	.1	.0	0.	4.0	.0	.1	.0	.0	0.	0.	.8	.0	1.7	0.	0.
36 WISCONSIN	.0	.0	0.	.0	0.	0.	1.2	.6	.7	0.	.2	0.	.1	5.5	.2
37 MANITOBA	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	.0	.0	.2
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	0.	0.	.0	0.	2.5	1.4	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.5	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON S)	40.4	13.6	.3	22.0	9.4	28.8	63.4	59.0	15.0	6.8	64.6	25.5	26.8	35.1	5.5

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TABLE 8. (Continued)

	EMITTER REGION	TOTAL	CONTRIBUTIONS TO		S DEPOSITIONS WITHIN RECEPTOR REGIONS										
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	ALABAMA	20.4	.6	0.	.0	.0	.0	.0	.0	.3	0.	.9	.2	.0	.0	.0
2	ARKANSAS	.1	.5	0.	.0	.0	.0	.0	.0	.0	0.	.0	.1	.0	.0	.0
3	COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	DEL/MD/DC	.0	0.	0.	.0	.1	1.1	.0	.3	.5	0.	.0	.0	1.1	.4	.1
5	FLORIDA	.5	.0	0.	0.	0.	.0	.0	.0	.0	0.	.0	.0	.0	0.	.0
6	GEORGIA	1.6	.0	0.	.0	.0	.0	.0	.0	1.2	0.	.6	.0	.0	.0	1.1
7	ILLINOIS	1.0	6.9	0.	.0	.2	.0	0.	1.3	.1	0.	5.5	.2	.7	.0	.0
8	INDIANA	1.3	.6	0.	0.	.7	.1	0.	2.8	.1	0.	20.5	.0	4.0	.3	.0
9	IOWA	.0	.4	0.	.2	.0	.0	0.	.0	0.	.0	.0	.0	.0	.0	0.
10	KANSAS	.0	.3	0.	.1	.0	0.	.0	.0	0.	.0	.0	.1	.0	0.	0.
11	KENTUCKY	2.2	.1	0.	0.	.2	.2	0.	1.5	.4	0.	18.1	.0	3.2	.3	.1
12	LOUISIANA	1.3	.5	0.	.0	.0	0.	.0	.0	0.	0.	.0	.6	.0	.0	.0
13	MAINE	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.
14	MICHIGAN	.0	.0	0.	0.	1.5	.1	0.	6.3	.0	0.	6.3	0.	2.6	.2	0.
15	MINNESOTA	0.	.1	0.	.0	.0	.0	0.	.0	0.	.0	.1	0.	.0	.0	0.
16	MISS.	2.8	.2	0.	.0	.0	.0	.0	.0	.0	0.	.0	.1	.0	.0	.0
17	MISSOURI	.2	19.3	0.	.1	.0	.0	.0	.2	.0	.0	1.0	1.4	.2	.0	.0
18	MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	NEBRASKA	0.	.0	.0	.1	0.	0.	.0	.0	0.	.0	.0	.0	0.	0.	0.
20	NH/VT	0.	0.	0.	0.	2.1	.0	0.	.1	0.	0.	0.	0.	0.	1.5	0.
21	NEW JERSEY	0.	0.	0.	0.	.0	4.3	0.	1.0	.2	0.	0.	0.	.4	.9	.0
22	NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	NEW YORK	0.	0.	0.	0.	3.8	2.3	0.	9.9	.0	0.	0.	0.	.9	6.8	.0
24	N CAROLINA	.2	.0	0.	.0	.0	.0	.0	.0	13.5	0.	.2	.0	.0	.0	2.7
25	N DAKOTA	0.	.0	.0	.0	0.	0.	0.	.0	0.	.4	.0	0.	.0	0.	0.
26	OHIO	.0	0.	0.	0.	1.8	1.2	0.	12.5	.5	0.	25.5	0.	20.1	1.8	.1
27	OKLAHOMA	.0	.6	0.	.1	.0	0.	.0	.0	0.	.0	.0	2.0	.0	.0	0.
28	PENN.	.0	0.	0.	0.	3.1	3.5	0.	11.0	.4	0.	.6	0.	34.0	5.2	.1
29	RI/MA/CT	0.	0.	0.	0.	.1	.0	0.	.1	.0	0.	0.	0.	0.	1.8	.0
30	S CAROLINA	.3	.0	0.	.0	.0	.0	.0	.0	2.7	0.	.0	.0	.0	.0	7.5
31	S DAKOTA	0.	.0	.0	.0	0.	0.	0.	.0	0.	.0	.0	0.	0.	0.	0.
32	TENNESSEE	3.6	.5	0.	.0	.0	.0	.0	.1	1.3	0.	1.1	.1	.2	.0	.0
33	TEXAS	.0	.5	0.	.2	.0	0.	.6	.0	0.	.0	.0	2.3	.0	0.	0.
34	VIRGINIA	.0	.0	0.	.0	.0	.5	0.	.2	4.5	0.	.0	.0	.7	.1	.5
35	W VIRGINIA	.0	.0	0.	0.	1.4	1.4	0.	7.8	.8	0.	6.0	0.	26.7	2.4	.1
36	WISCONSIN	.0	.0	0.	0.	.1	.0	0.	.4	0.	0.	.4	0.	.2	.1	0.
37	MANITOBA	0.	0.	0.	0.	.0	0.	0.	.0	0.	.1	0.	0.	0.	0.	0.
38	N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39	ONTARIO	0.	0.	0.	0.	1.7	.0	0.	4.9	.0	.0	.3	0.	.7	.2	0.
40	QUEBEC	0.	0.	0.	0.	.8	0.	0.	.3	0.	0.	0.	0.	0.	.0	0.
41	NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	TOTAL (KTON S)	35.5	31.3	.0	.9	17.9	14.8	.6	60.8	26.6	.6	87.2	7.2	95.8	22.1	12.4

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TABLE 8. (Concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO S DEPOSITIONS WITHIN RECEPTOR REGIONS										
	31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	.0	10.2	5.1	.5	.2	.0	0.	.0	.3	.0	0.
2 ARKANSAS	.0	.1	.3	.0	.0	.0	0.	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	.0	.0	2.2	.2	0.	0.	.0	0.	0.	0.
5 FLORIDA	0.	.0	.2	.0	.0	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	4.5	.9	.5	.6	0.	0.	.0	.1	.0	0.
7 ILLINOIS	0.	2.8	.5	.2	.5	3.0	0.	.1	5.7	2.7	.1
8 INDIANA	0.	2.5	.0	.2	1.7	.3	0.	.3	8.6	3.3	.1
9 IOWA	.0	.0	.0	.0	.0	2.5	.0	.0	.7	.1	.0
10 KANSAS	.0	.0	.0	0.	0.	.1	0.	.0	.0	.0	.0
11 KENTUCKY	0.	7.7	.1	1.3	4.9	.0	0.	.1	3.4	1.4	.0
12 LOUISIANA	.0	.0	7.6	0.	.0	.0	0.	.0	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	1.7	0.	.0	.0
14 MICHIGAN	0.	.0	0.	.0	.4	.3	0.	1.0	30.4	8.6	.3
15 MINNESOTA	.0	.0	0.	0.	.0	5.9	.0	.0	3.3	.9	.0
16 MISS.	.0	.1	1.1	.0	.0	.0	0.	.0	.0	.0	0.
17 MISSOURI	.0	.3	.3	.0	.0	1.0	0.	.0	.7	.5	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.1	.0	.0	0.	0.	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.8	0.	.0	.0
21 NEW JERSEY	0.	0.	0.	.2	.0	0.	0.	.1	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.1	.0	0.	0.	1.7	1.9	1.7	.0
24 N CAROLINA	0.	.8	.1	3.5	.2	0.	0.	.0	.0	.0	0.
25 N DAKOTA	.5	0.	0.	0.	0.	.0	.1	.0	.1	.0	.0
26 OHIO	0.	.6	0.	1.3	14.1	0.	0.	1.6	6.1	2.3	.0
27 OKLAHOMA	.0	.0	.1	0.	.0	.1	0.	.0	.0	.0	.0
28 PENN.	0.	0.	.0	2.5	4.5	0.	0.	1.2	1.3	.6	.0
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	.4	0.	.0	0.
30 S CAROLINA	0.	.2	.2	.2	.0	0.	0.	.0	.0	.0	0.
31 S DAKOTA	.1	0.	0.	0.	0.	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	14.2	.8	1.8	1.3	.0	0.	.0	.5	.3	.0
33 TEXAS	.0	.0	14.0	0.	.0	.1	0.	.0	.0	.0	.0
34 VIRGINIA	0.	.4	.0	15.1	2.1	0.	0.	.0	.0	.0	0.
35 W VIRGINIA	0.	.2	0.	4.3	23.3	0.	0.	.9	.3	.4	0.
36 WISCONSIN	0.	.1	0.	.0	.0	9.6	0.	.1	7.0	2.7	.0
37 MANITOBA	.0	0.	0.	0.	0.	.0	.2	.0	.4	.1	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	2.8	0.	.6	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	1.3	28.7	21.3	.9
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	2.2	2.0	28.1	1.5
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON S)	.8	44.7	31.5	34.0	54.1	22.9	.3	16.5	102.0	75.8	3.1

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Section Head

SECTION 5

SENSITIVITY TESTS OF ENAMAP-2S

The meteorological and chemical processes occurring in the atmospheric boundary layer are complex, and the model algorithms simulate them to only a limited extent. Also, meteorological measurements are scattered in space and time, and analyses based on these reports are imperfect. Emissions estimates made by different investigators vary significantly, indicating that their degree of uncertainty is approximately +20 percent. Chemical reaction rates used in the model are based mainly on laboratory measurements, and may vary from rates in the real atmosphere. Deposition rates are difficult to measure experimentally, and the values used in the model are somewhat uncertain. Also, air quality measurements used to validate the model results contain errors and are local, whereas model computations pertain to large areas. In summary, there are uncertainties in the model itself and in the information that it uses. The model output is sensitive to the values selected for various parameters. In this section we discuss the sensitivity of ENAMAP-2S to the model parameters, and we also recommend values for the parameters that appear to give the highest accuracy when the model results are compared to air quality data.

In order to keep the costs of the sensitivity tests within reasonable bounds, we made calculations of concentration and deposition for the entire grid using emissions from the state of Ohio (near the center of the grid) for August 1977. These computations are typical and serve adequately to illustrate the sensitivity. The baseline (nominal) computation uses parameter values described in Section 3 and in Mayerhofer et al. (1981). The nominal results are shown in column A of Table 9.

The features that were varied include

(1) The SO_2 to sulfate transformation rate

(2) The wet and dry deposition rates for SO_2 and sulfate

(3) The proportion of nighttime emissions introduced in layer 1

(4) The vertical diffusion coefficients.

VARYING THE TRANSFORMATION RATE

As discussed by Mayerhofer et al. (1981), there are significant uncertanties in estimates of the transformation rate in the real polluted atmosphere.

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TABLE 9. THE EFFECTS OF VARYING PARAMETERS IN ENAMAP-2S

	A	B	C	D	E	F	G	H	I	J	K	L
	Nominal Case	Homogeneous Transformation = .75 Nominal	Homogeneous Transformation = .87 Nominal	Dry Dep. = 1.25 Nominal	Dry Dep. = 0.75 Nominal	Wet Dep. = 1.25 Nominal	Wet Dep. = 0.75 Nominal	Night Emissions 25-75	Night Emissions 50-50	Doubled Vertical Diffusion Coefficient	Halved Vertical Diffusion Coefficient	Combined B, D, F, H
SO_2 average concentration ($\mu g\ m^{-3}$)	0.6	0.6	0.6	0.5	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6
SO_2 total wet deposition (kton)	50.5	56.8	53.6	48.8	52.3	57.1	42.3	49.9	50.5	50.7	51.1	61.2
SO_2 total dry deposition (kton)	31.3	35.6	33.2	36.2	25.4	29.4	33.1	32.4	31.1	32.3	28.1	40.3
SO_2 flux (kton)	0.7	1.2	0.9	0.7	0.8	0.6	1.0	0.7	0.7	0.6	1.0	0.9
Transformation ($SO_2 \rightarrow$ sulfate) (kton)	111.6	100.2	106.2	108.1	115.4	106.8	117.5	82.4	81.6	110.3	113.6	91.6
Sulfate average concentration ($\mu g\ m^{-3}$)	0.5	0.4	0.5	0.4	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.3
Sulfate total wet deposition (kton)	80.6	72.5	77.0	71.4	93.0	79.1	76.7	79.8	80.6	77.6	89.0	62.1
Sulfate total dry deposition (kton)	87.1	77.9	82.5	91.6	79.5	82.0	98.7	86.8	87.1	89.1	79.6	76.7
Sulfate flux (kton)	3.2	3.5	3.4	2.8	4.2	2.6	4.5	3.2	3.2	2.3	5.4	2.1

In ENAMAP-25, the transformation rate for SO_2 to sulfate is expressed as the sum of two components: a homogeneous transformation rate (based on the work of Altshuller, 1979) and a heterogeneous transformation rate. We calculated the homogeneous rate as a function of solar insolation (i.e., latitude and season) from the rates for clean air given in Altshuller's Figure 2. To account for higher rates in polluted air, the homogeneous rate is multiplied by an additional arbitrary factor of 2. The results based on this value (Section 4) indicate that the calculated sulfate concentrations are higher than the air quality measurements. Even though the sulfate measurements are sparse, an adjustment in the artibrary factor seems advisable. Therefore, tests were made with this factor reduced to 1.75 and to 1.5. The overall results are shown in columns B and C of Table 9. In comparison to the nominal computation (column A), one can see that the sulfate concentration and depositions are significantly reduced. On the other hand, the SO_2 concentration is essentially unchanged, as desired.

VARYING THE DEPOSITION RATES

The dry deposition rates in ENAMAP-2S have a complicated dependence on land-use type, and the range of values is wide as discussed in Section 3 and by Mayerhofer et al. (1981). The computations of concentration are sensitive to the rates. We made computations for Ohio with the nominal rates increased and decreased by 25 percent. The results are shown in columns D and E of Table 9. Greater dry removal of SO_2 and sulfate substantially reduced the concentrations of the two compounds, and lesser removal had the opposite effect.

The effect of varying the wet removal rates for SO_2 and sulfate is generally similar to that described above, except that wet removal does not produce large amounts of deposition in the winter. Therefore, variations in the overall sulfur budget caused by varying the wintertime wet deposition rates are relatively minor. But in summer (specifically August 1977), wet removal is an important process, and variations of ±25 percent in the nominal rates have substantial effects on the deposition and concentration patterns, similar to those reported above for dry deposition, as shown in columns F and G of Table 9.

VARYING THE INJECTION OF NIGHTTIME EMISSIONS

As discussed in Section 3, all nighttime SO_x (which are predominantly from tall stacks) are initially placed in layer 2. One can argue, however, that there is a certain proportion of low stacks whose emissions should be introduced into the layer nearest the surface. Computer runs were made in which 25 percent of the emissions were introduced into layer 1, and 75 percent in layer 2 (column H in Table 9), and also a 50/50 division (column I). One can see that the overall statistics are changed very little from the nominal values. On the other hand, the mapped patterns (not shown) just downwind of the source show substantially larger values of SO_2 concentrations and dry deposition than the nominal values; however, the sulfate patterns are changed by only small amounts. Thus, the vertical partitioning of emissions is important in controlling the SO_2 patterns immediately downwind from major pollution sources.

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VARYING THE VERTICAL DIFFUSION COEFFICIENTS

The computation of vertical diffusion coefficients was described in Section 3. An empirical factor in the computation was adjusted so that the range of values would be from approximately 1 to 10 m^2 s^{-1}. Tests were made doubling and halving these values, and the overall results are given in columns J and K of Table 9. With larger coefficients (faster mixing), the patterns show a tendency for slightly larger than nominal concentrations and dry deposition of SO_2 and sulfate close to the sources. Decreasing the coefficients had the opposite effect. For the total emissions grid of ENAMAP, which consists of numerous distributed sources, the effect of either greater or lesser mixing, however, would be less than shown by the Ohio computations because of cancellation of positive and negative influences.

OVERALL ADJUSTMENT

In comparison to air quality data, the ENAMAP results showed that the main error was too-large values of sulfate concentration. On the other hand, SO_2 concentrations did not show any consistent bias. The results of the sensitivity tests indicate that a combination of reducing the transformation (replacing the arbitrary "dirty air" factor by 1.5 instead of 2), increasing the wet and dry deposition by 25 percent, and partitioning the nighttime pollution injections 25 percent in layer 1 and 75 percent in layer 2, would give results that compare well to measurements. The overall effect of this combination is shown in column L of Table 9; it combines the effects of columns B, D, F, and H. (It would be desirable to use this combination of parameters for a simulation for August 1977 for all 41 areas of the model domain; however, this computation was beyond the scope of the present study.)

Maps showing concentration, dry deposition, and wet deposition patterns produced by Ohio emissions for August 1977 are shown in Figures 15, 16, and 17. The nominal case (using values of parameters given in Section 3) is shown in the upper parts of the figures, and the adjusted case (using the combined effects corresponding to column L in Table 9) is shown in the lower parts. One can see that in the adjusted case the central values of SO_2 concentrations and SO_2 dry and wet deposition are slightly larger than the values for the nominal case, as was also true for the overall statistics of Table 9. This is due mainly to the 25/75 introduction of emissions and to the higher deposition rates. The sulfate concentrations of the adjusted case are lower than those for the nominal case, because the transformation rate is lower than the nominal rate and also because more SO_2 was deposited in the adjusted case. The sulfate dry deposition pattern of the adjusted case is essentially unchanged, except for slightly lower values overall. The sulfate wet deposition of the adjusted case has noticeably lower amounts.

Pending further experimentation with more recent air quality measurements, we recommend use of these adjusted parameters in ENAMAP-2S simulations.

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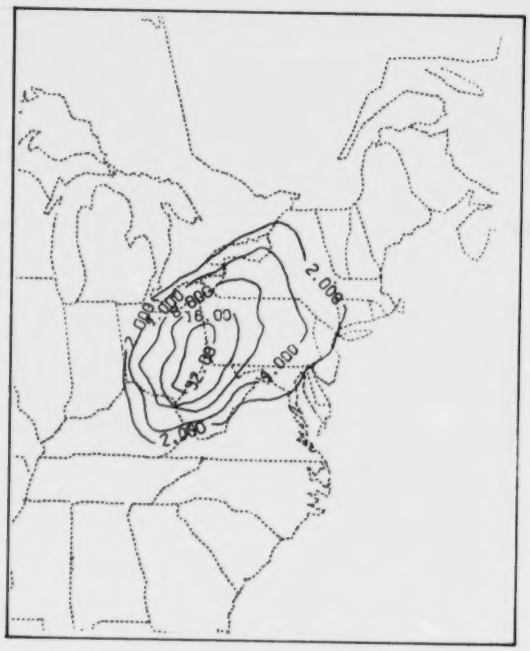
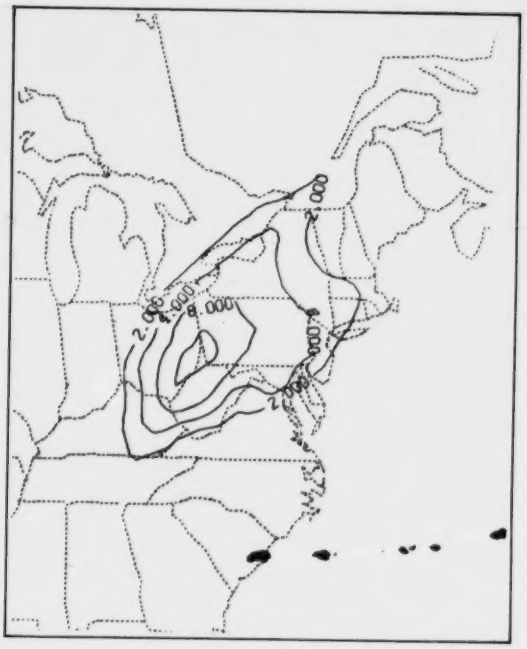
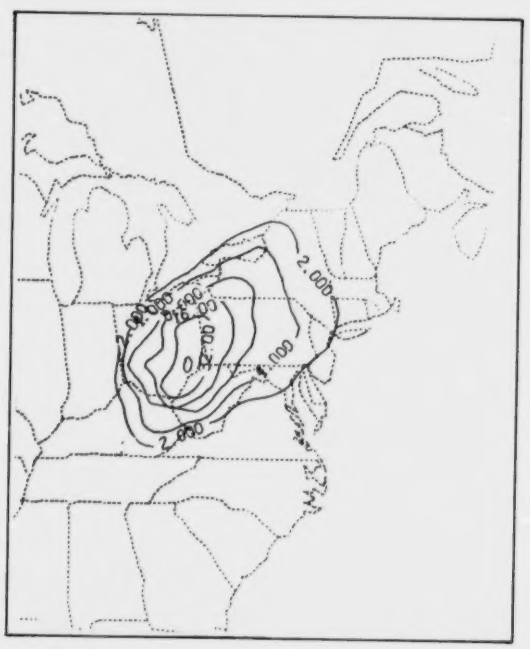


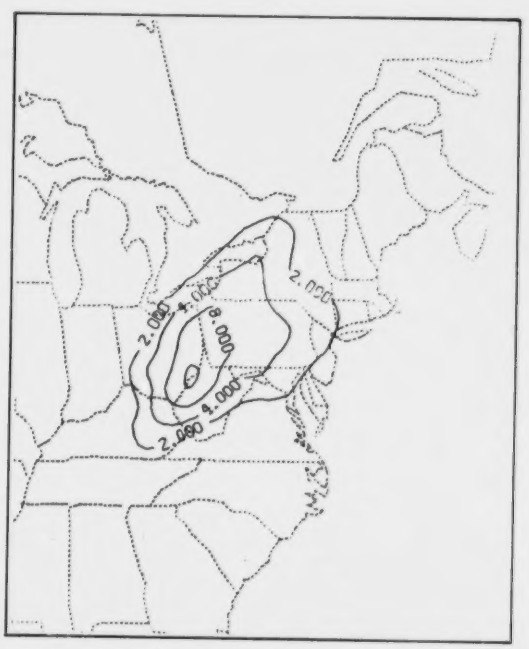
(a) SO_2 CONCENTRATION, NOMINAL CASE



(c) SULFATE CONCENTRATION, NOMINAL CASE

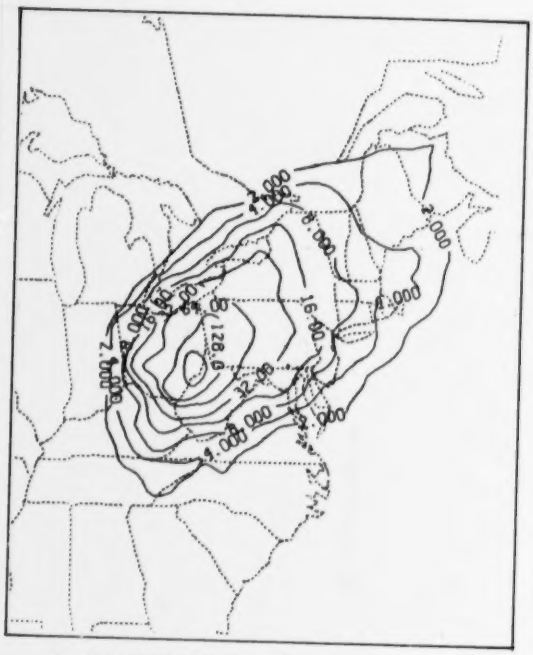


(b) SO_2 CONCENTRATION, ADJUSTED CASE

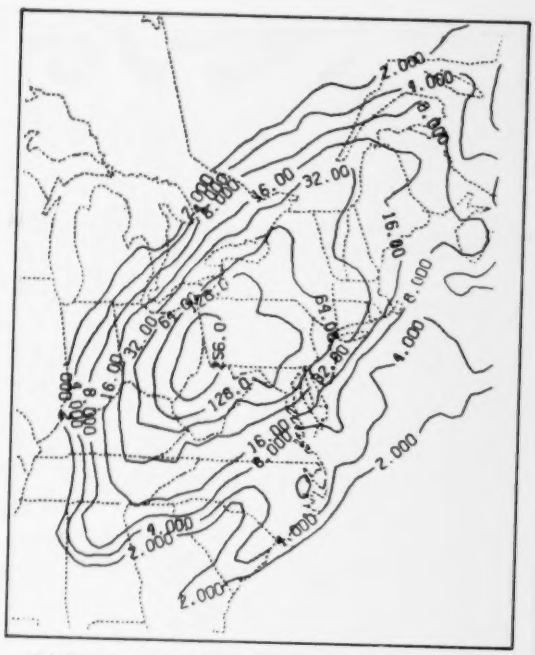


(d) SULFATE CONCENTRATION, ADJUSTED CASE

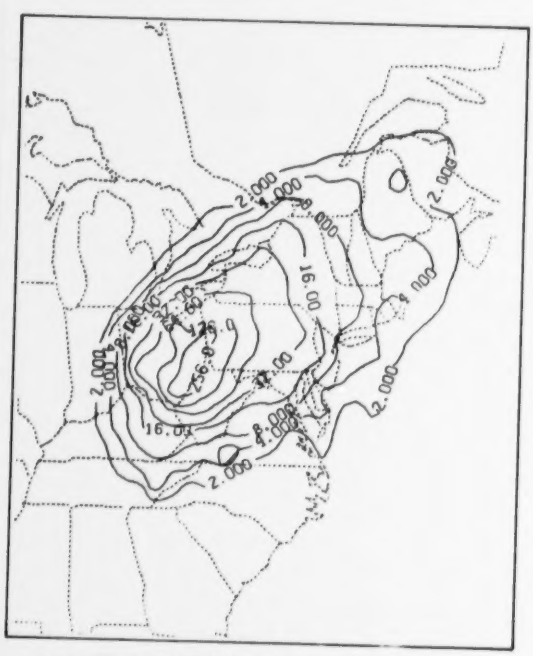
Figure 15. Comparison of ENAMAP-2S concentrations ($\mu g\ m^{-3}$) for the nominal case and using adjusted parameters.



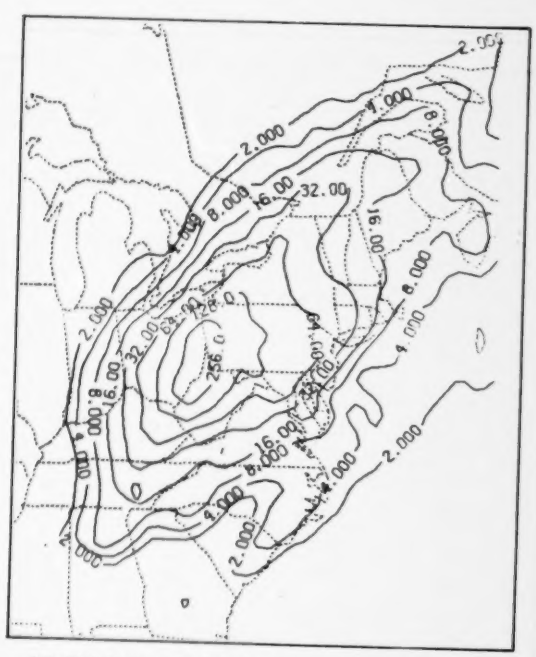
(a) SO_2 DRY DEPOSITION, NOMINAL CASE



(c) SULFATE DRY DEPOSITION, NOMINAL CASE

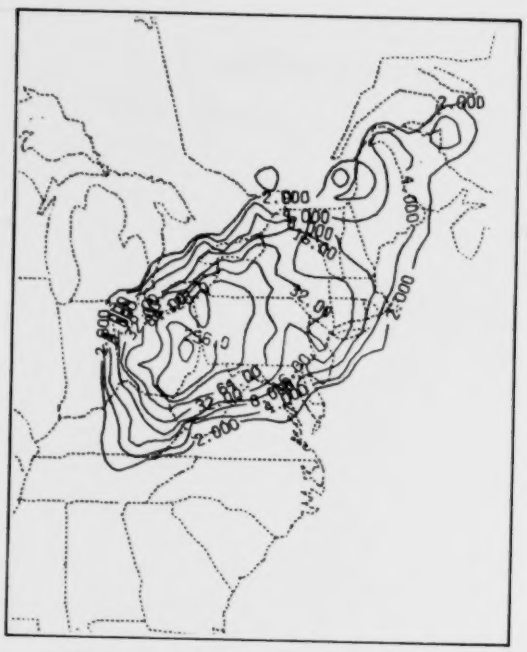


(b) SO_2 DRY DEPOSITION, ADJUSTED CASE

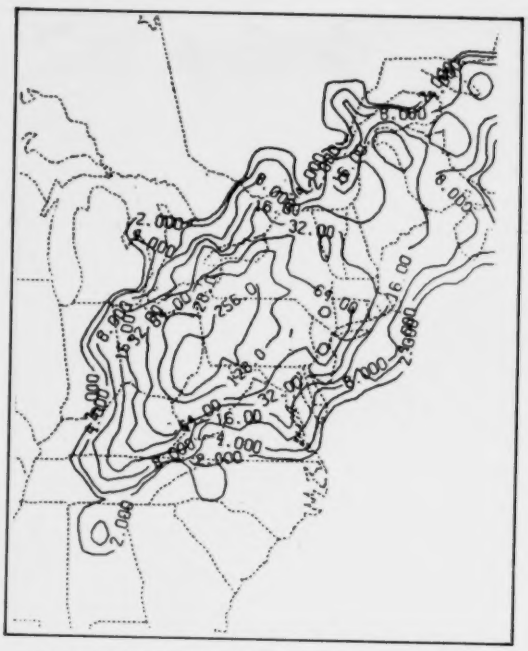


(d) SULFATE DRY DEPOSITION, ADJUSTED CASE

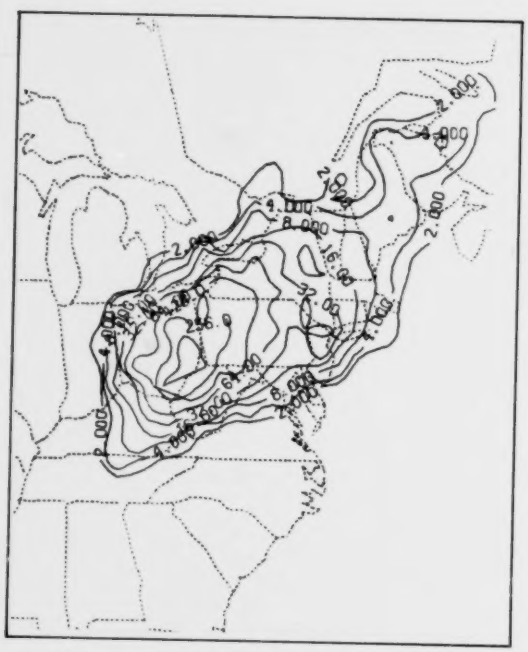
Figure 16. Comparison of ENAMAP-2S dry deposition (mg m^{-2}) for the nominal case and using adjusted parameters.



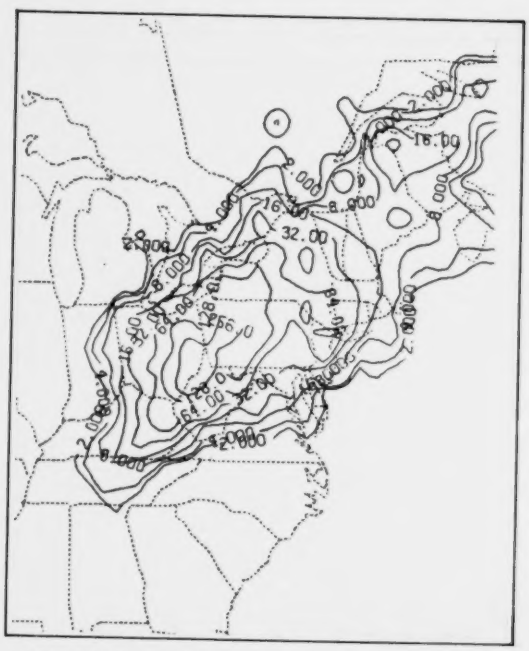
(a) SO_2 WET DEPOSITION, NOMINAL CASE



(c) SULFATE WET DEPOSITION, NOMINAL CASE



(b) SO_2 WET DEPOSITION, ADJUSTED CASE



(d) SULFATE WET DEPOSITION, ADJUSTED CASE

Figure 17. Comparison of ENAMAP-2S wet deposition (mg m^{-2}) for the nominal case and using adjusted parameters.

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SECTION 6

ENAMAP-2N: ADAPTATION OF THE MODEL FOR NITROGEN EMISSIONS

Until quite recently, treatment of nitrogen pollutants in the atmosphere--specifically in Lagrangian long-range transport models--has been held in abeyance in favor of sulfur pollutants. This is partly because of emphasis on sulfur pollutants in the past few years and also because nitrogen chemistry was considered to be "too complex" to attempt to handle in a simple model. This latter circumstance is probably the result of the wealth of information on nitrogen chemistry that has been developed in the last 20 years in various smog chambers studies; it may be a case of knowing too much about nitrogen chemistry to be able to treat it simply in an atmospheric model. This attitude has changed markedly in the past 2 years as a result of efforts to do comprehensive measurements of nitrogen compounds in the atmosphere and because of successful applications of complex model codes to laboratory smog-chamber measurements.

Figure 18 illustrates typical results of a laboratory measurement of nitrogen compounds in a smog chamber experiment (Sverdrup et al., 1982). In the middle graph of Figure 18, the upper curve labeled "A" represents the amount of oxidized nitrogen that remains in the chamber at a given time. As can be seen, approximately 80 to 90 percent of this amount can be accounted for by nitric oxide (NO), nitrogen dioxide (NO_2), peroxyacetyl nitrate (PAN), nitic acid (HNO_3) and particulate nitrate (NO_3^-). These are the five compounds ENAMAP-2N uses in a simplified reaction algorithm to model the nitrogen chemistry in the manner shown in these experiments.

CHEMICAL TRANSFORMATIONS

Figure 19 shows the chemical transformations and the rate equations governing the concentrations of the five compounds modeled in the reaction algorithm. The primary gaseous pollutants, NO and NO_2, form an initial puff over an emitter region. The concentrations of the two are calculated and equilibrated with a diurnally varying equilibrium constant. The NO_2 can react to form PAN, HNO_3 and NO_3^-, with the products formed in a 5:4:1 molar ratio. The reaction rate of NO_2 varies diurnally.

During the day, the PAN that exists in the puff reacts (with the same rate as the NO_2) to form PAN, HNO_3 and NO_3^- in the same 5:4:1 molar ratio. By having half of the reaction's product be the reactant, PAN becomes a temporary reservoir (Singh and Hanst, 1981) for the nitrogen-containing species and permits transport further downwind. At night, PAN reacts slowly to

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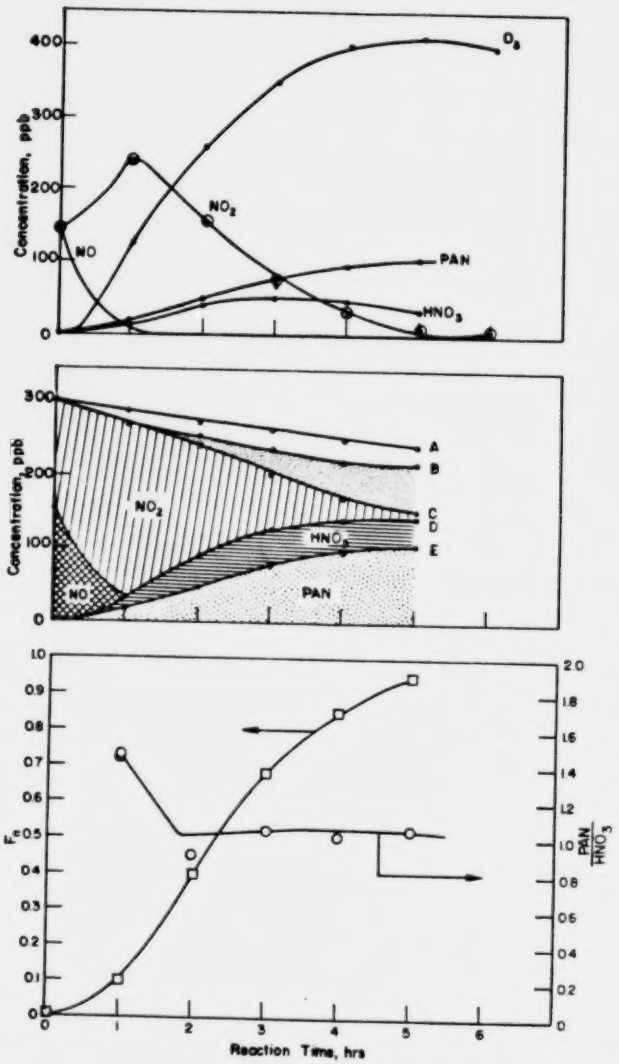

Figure 18. Far-field power plant plume simulation, 4.5 ppmC urban hydrocarbon mixture, 1.0 ppm SO_2 (from Sverdrup et al., 1982).

NITROGEN CHEMISTRY

$$NO \rightleftharpoons NO_2;\ K = \frac{[NO_2]}{[NO]};\qquad K = 2\ (Day),\ K = 50\ (Night)$$

$$NO_2 \overset{k_1}{\Rightarrow} PAN + HNO_3 + NO_3^-;\qquad k_1 = 0.1\ (Day),\ k_1 = 0.02\ (Night)$$

$$PAN \overset{k_2}{\Rightarrow} PAN + HNO_3 + NO_3^-;\qquad k_2 = 0.1\ (Day),\ k_2 = 0.0\ (Night)$$

$$PAN \overset{k_3}{\Rightarrow} NO_2;\qquad k_3 = 0(Day),\ k_3 = 0.02\ (Night)$$

$$\frac{d[NO_2]}{dt} = -k_1[NO_2] + k_3[PAN] - (k'_{DRY} + k'_{WET})[NO_2]$$

$$\frac{d[NO]}{dt} = -(k'_{DRY} + k'_{WET})[NO]$$

$$\frac{d[PAN]}{dt} = 0.5(k_1[NO_2] + k_2[PAN]) - (k_2 + k_3)[PAN] - (k''_{DRY} + k''_{WET})[PAN]$$

$$\frac{d[HNO_3]}{dt} = 0.4(k_1[NO_2] + k_2[PAN]) - (k'''_{DRY} + k'''_{WET})[HNO_3]$$

$$\frac{d[NO_3^-]}{dt} = 0.1(k_1[NO_2] + k_2[PAN]) - (k''''_{DRY} + k''''_{WET})[NO_3^-]$$

Figure 19. Chemical reactions and rates (h^{-1}) used in the "five compound" nitrogen algorithm.

reform NO_2. This models the thermal decomposition of PAN that occurs in the absence of light:

$$PAN \leftrightharpoons CH_3CO_2 + NO_2 \quad .$$

Due to the number of compounds and widely varying molecular weights in the nitrogen algorithm, all transformations are calculated on a molar basis, whereas in the sulfur algorithm, the simplicity of the SO_2 to sulfate transformation does not require conversion to molar units.

TRANSFORMATION RATES

Figure 19 summarizes the transformation rates used in the reaction algorithm. All rates and equilibria vary diurnally, due to the photochemical nature of the NO_x reactions. The NO_2/NO equilibrium constants reflect the photolysis of NO_2 to NO and the photo and thermal pathways of NO-to-NO_2 conversion. At every time step the NO_2/NO equilibrium is calculated both before and after transformation calculations. The computations are made as shown in Figure 20.

The NO_2 transformation rate is 0.1 h^{-1} during the day and 0.02 h^{-1} at night (10 and 2 percent per hour). Smog chamber studies of urban air (Sverdrup et al., 1982) suggest daytime NO_2 loss rates of 0.15 to 0.25 h^{-1}, while measurements in the urban plume of Boston (Spicer, 1982) show an average rate of 0.18 h^{-1}. Lower (nonurban) hydrocarbon concentrations in chamber studies show lower rates. Due to the large, mostly rural region covered by the ENAMAP domain, a rate of 0.10 h^{-1} was chosen. The nighttime rate of 0.02 h^{-1} reflects the thermal reaction rates.

The products of the NO_2 transformation are PAN, HNO_3 and NO_3^- in a 5:4:1 molar ratio (i.e., 1 mole of NO_2 reacts to form 0.5 mole PAN, 0.4 mole HNO_3 and 0.1 mole NO_3^-.) The 4:1 ratio of HNO_3 to NO_3^- reflects the predominence of HNO_3 for N(V) species in the air. This is due to: (1) reaction pathways that form the gaseous HNO_3, and (2) acidification of NO_3^- and its vaporization as HNO_3 in the presence of other strong acids, in particular H_2SO_4.

Figure 21 illustrates the chemical reactions by following the concentrations of the five nitrogen species in a hypothetical puff (without deposition processes or puff expansion). One-hour time steps are used for the calculation, and the diurnal variation in rates is handled by assuming day the first 12 hours, then 12 hours of night. The relative amounts of NO and NO_2 change markedly at the transition from day to night, or night to day. The overall pattern is a conversion of NO and NO_2 to HNO_3 and nitrates. These curves are a reasonably good approximation to the laboratory measurements of Sverdrup et al. (1982).

DEPOSITION PROCESSES

The daytime dry deposition velocities used in the nitrogen algorithm are summarized in Table 10. These values come from the works of McMahon and Denison (1979), Sehmel (1980), and Garland and Penkett (1976). Unlike the

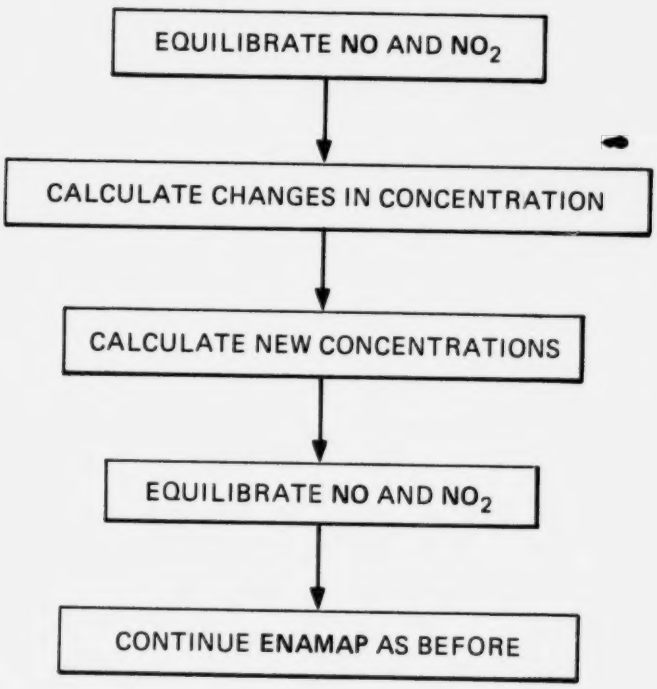

Figure 20. The steps used in calculating changes in nitrogen compounds.

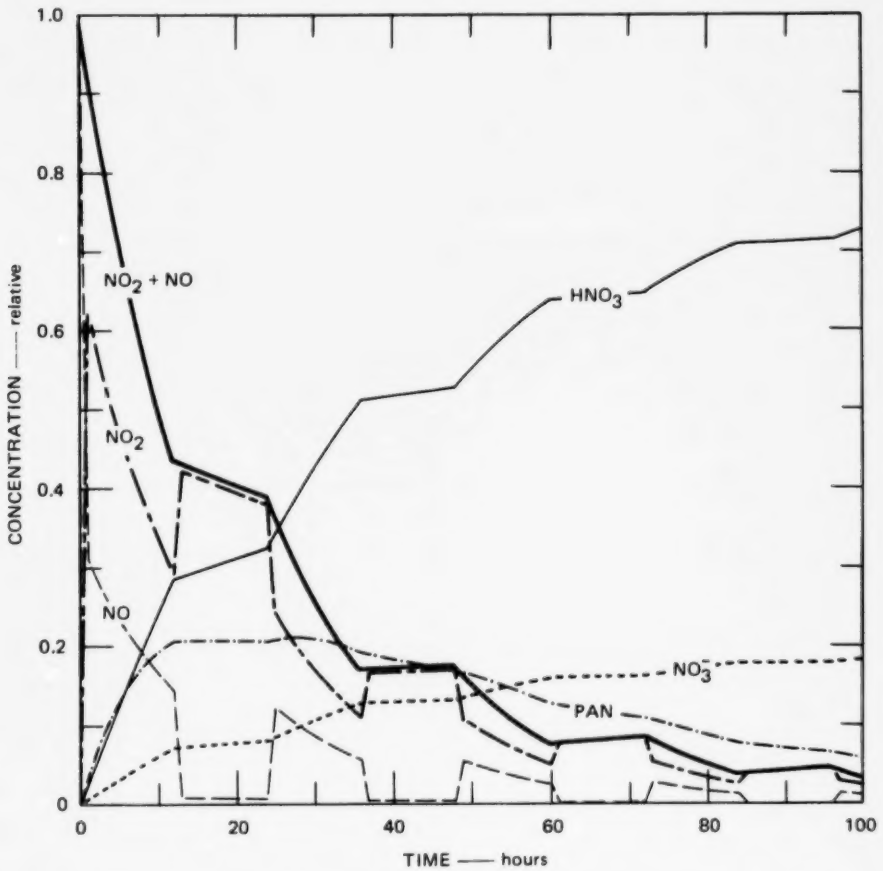

Figure 21. Illustration of the "five compound" algorithm for a hypothetical puff.

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TABLE 10. DRY DEPOSITION VELOCITIES FOR ATMOSPHERIC NITROGEN COMPOUNDS

Compound	V_d (cm s^{-1}) Day	Night
NO_2, NO	0.2	0.07
HNO_3	1.0	0.07
PAN	0.25	0.07
NO_3^- (aerosol)	0.6	0.6

sulfur dry depositions, there is no variability of the velocities with land use and stability class within the model. A dry deposition velocity of 0.07 cm s^{-1} is used for the four gaseous species (NO, NO_2, PAN, and HNO_3) at night--analagous to the way SO_2 deposition is treated.

Wet deposition is treated in an identical manner as in the sulfur algorithm,

$$k = a\ R^b$$

where R is the rainfall rate and a and b vary by species and season. The rates for the nitrogenous species are calculated relative to SO_2 and sulfate. Table 11 shows these relationships.

TABLE 11. WET DEPOSITION RATES FOR ATMOSPHERIC NITROGEN COMPOUNDS EXPRESSED AS FRACTION OF RATES (α)FOR SO_x

Compound	Relative Rate
NO_2, NO	$0.25 \times \alpha_{SO_2}$
HNO_3	$0.50 \times \alpha_{H_2SO_4}$
PAN	$0.50 \times \alpha_{SO_2}$
NO_3^- (aerosol)	$\alpha_{H_2SO_4}$

MODEL RESULTS

Calculated concentration and wet and dry deposition patterns for the months of January and August 1977 of all five ENAMAP-2N species (NO, NO_2, PAN, HNO_3, and NO_3^-) are shown in Appendix C. In general, the patterns shown are quite reasonable in terms of what one would expect for regionally averaged

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concentrations. Unfortunately, no air quality measurements exist for 1977 that can be used to judge the model's accuracy.

The patterns of calculated NO_2 concentrations for January 1977 (Figure 22) clearly show the definite local effects of major urban areas such as New York City, Boston, and Detroit. It is interesting that the model preserves this local source dominance of the primary pollutants even though the grid uses a 70-km mesh. The patterns of the secondary pollutants (PAN, HNO_3, and NO_3^-) are broader and more diffuse than those of the two primary pollutants. For example, Figure 23 shows this feature of the calculated PAN concentrations for August 1977. As mentioned earlier, PAN is used as a reservoir in the algorithm, and the final products are mainly HNO_3 and NO_3^-. Nevertheless, the calculated PAN concentrations can be compared approximately to recent PAN measurements made by Singh (private communication, 1982). His measurements indicate that PAN is ubiquitous and has a concentration of approximately 0.1 ppb (1 ppb = 5 $\mu g\ m^{-3}$) in air entering the northwest coast of California. The calculated PAN concentrations of 15 to 30 $\mu g\ m^{-3}$ (3 to 6 ppb) in Figure 23 are reasonable in the light of these new measurements.

The interregional exchange tables for nitrogen compounds for January and August 1977 are given in Appendix D.

It would be very desirable to apply ENAMAP-2N to a recent year so that the results could be compared to air quality measurements that have been made only recently. The model could be evaluated in this way.

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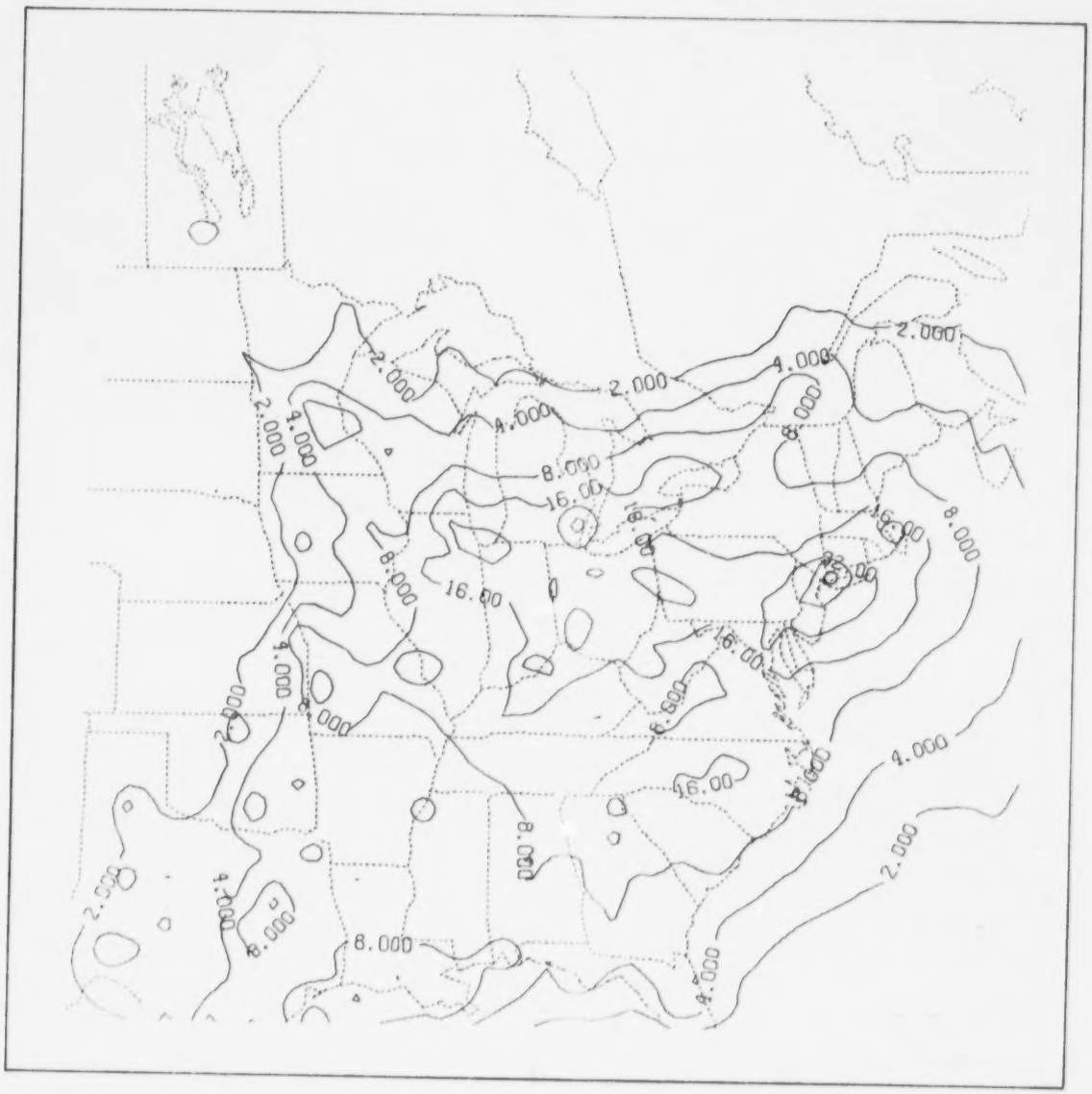

Figure 22. Calculated concentration ($\mu g\ m^{-3}$) of airborne NO_2 for January 1977.

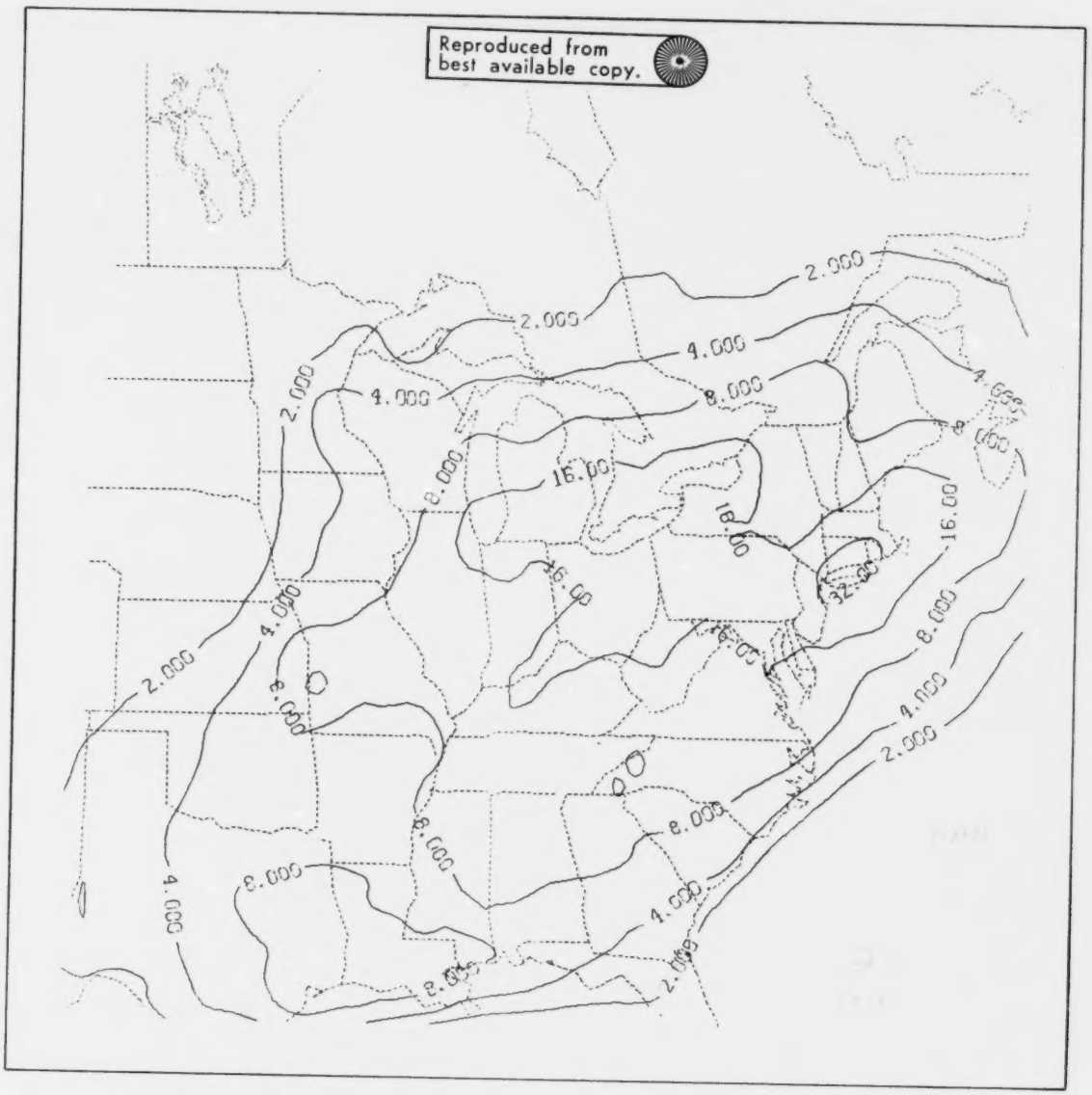

Figure 23. Calculated concentration ($\mu g\ m^{-3}$) of airborne PAN for August 1977.

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SECTION 7

SUMMARY AND CONCLUSIONS

The development of ENAMAP-2S for the long-range transport of sulfur compounds has been completed. The model includes three layers in the vertical, and it corrects the low-level winds for the influences of the smoothed terrain. Pollution emissions may be partitioned among the three layers to simulate both daytime and nighttime conditions. The model has been used to compute monthly average values of the airborne concentrations of SO_2 and sulfate, and the computed values agree reasonably well with air quality measurements. On the other hand, when ENAMAP-2S results are calculated for a month, a substantial amount of smoothing occurs, and monthly average pollution patterns (specifically for January and August 1977) are not much different from those computed previously using the single-layer version, ENAMAP-1A. Also, the interregional exchange tables given by ENAMAP-2S and ENAMAP-1A are quite similar for the same reason.

The parameters of ENAMAP-2S (such as transformation and deposition rates) can be altered as further empirical information about them becomes available. This will increase the accuracy of the computed patterns of airborne concentration and deposition. The recommended values of various parameters are given in Section 5.

A separate version of the model that applies to the long-range transport of nitrogen compounds has also been completed. This version (called ENAMAP-2N) is considerably more complicated than the other version because it treats five nitrogen compounds in place of the two compounds used for sulfur modeling. An algorithm has been developed to simulate the chemistry of the five compounds NO, NO_2, PAN, HNO_3, and nitrates. All of these compounds are subject to deposition processes. Their patterns of concentration have been computed for NO_x emissions data for the model domain for the months of January and August 1977, and the results appear to be quite reasonable. ENAMAP-2N is the first model to be applied to the long-range transport of NO_x pollutants over eastern North America, and we believe that its development marks a significant milestone in this field.

In this report ENAMAP-2 has been used to compute monthly average values of pollution concentration and deposition. For a period this long, many random errors due to model assumptions and to imperfections in input data tend to average to negligible magnitudes. For shorter periods there is less averaging; however, we believe that the new model versions simulate the atmosphere in sufficient detail that computations can be made meaningfully for periods of a few days and perhaps as short as 24 hours. This remains to be

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verified by making computations for pollution episodes and verifying them with suitable air quality measurements.

We believe that these models represent the current state of the art in calculating the long-range transport of airborne sulfur and nitrogen compounds. The models give the geographical patterns of pollution and deposition and also provide interregional exchange tables that show how much of the pollution in a region was emitted locally and how much originated in other specified areas.

At present, measuring programs are being carried out to increase our knowledge of airborne sulfur and nitrogen compounds, and of neutralizing agents such as ammonia. Such information is required for computation of the effects of sulfur and nitrogen compounds in producing acid rain. As this information becomes available it will become possible to use the ENAMAP-2 simulations in the study of the effects of sulfur and nitrogen emissions on acid rain. Even with limited information on airborne cations, it may be possible to compute the worst-case acidity due to these pollutants.

Readers interested in using ENAMAP-2 should refer to a separate document entitled, "ENAMAP-2 User's and Programmer's Manual" (Nitz and Endlich, 1983).

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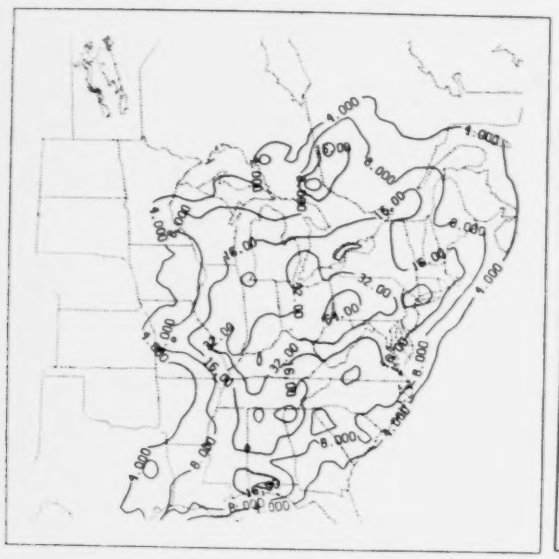
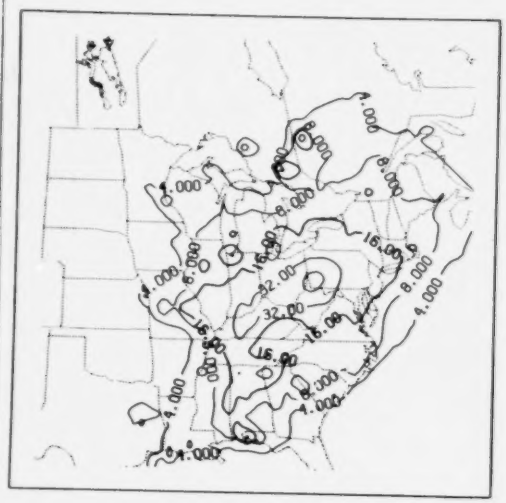
APPENDIX A

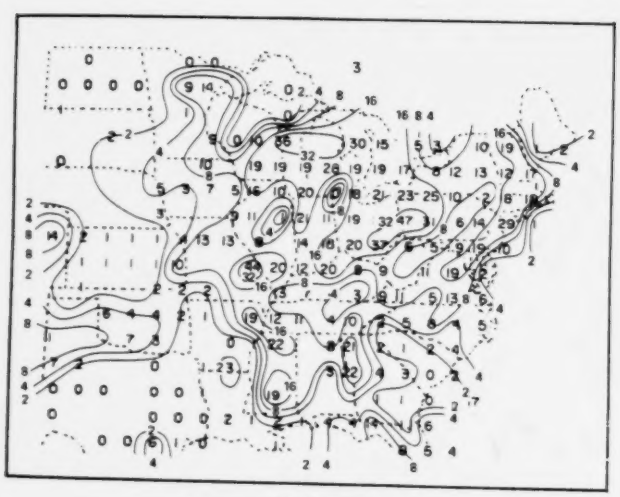
COMPARISON OF ENAMAP-25 AND ENAMAP-1A RESULTS FOR SULFUR COMPOUNDS FOR AUGUST 1977



Calculated by ENAMAP-2S



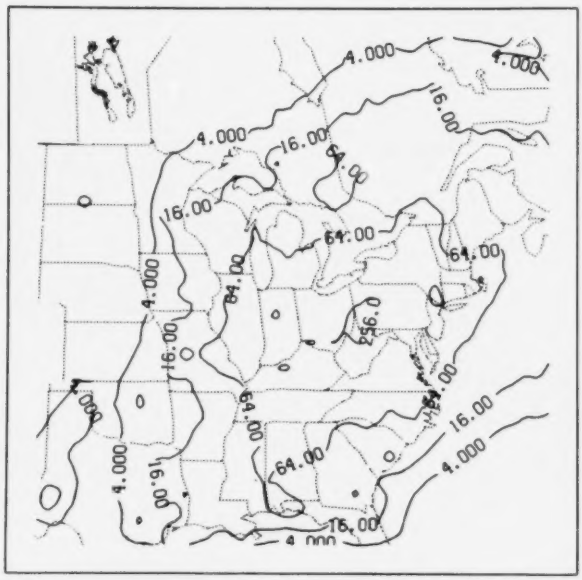
Calculated by ENAMAP-1A



MEASURED

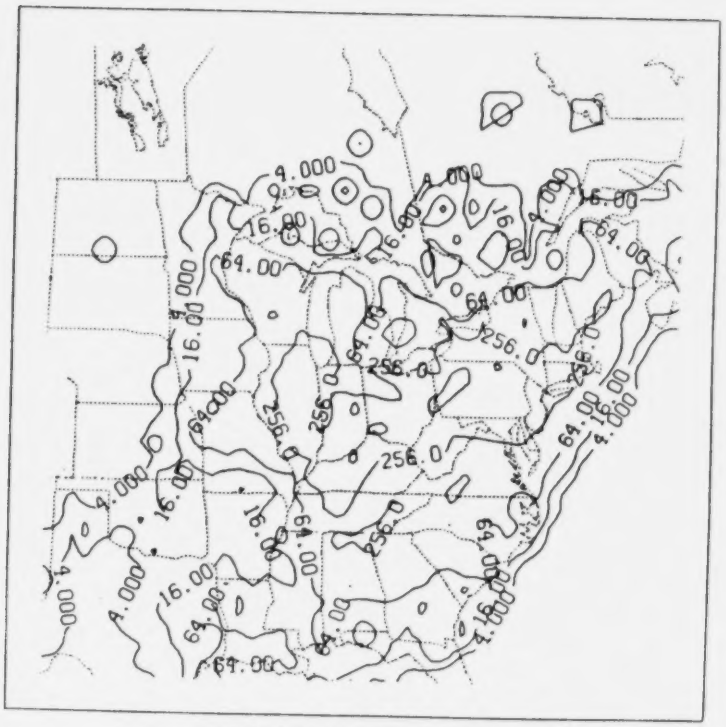
FIGURE A-1. SO_2 CONCENTRATION ($\mu g\ m^{-3}$).

Calculated by ENAMAP-2S



Calculated by ENAMAP-1A

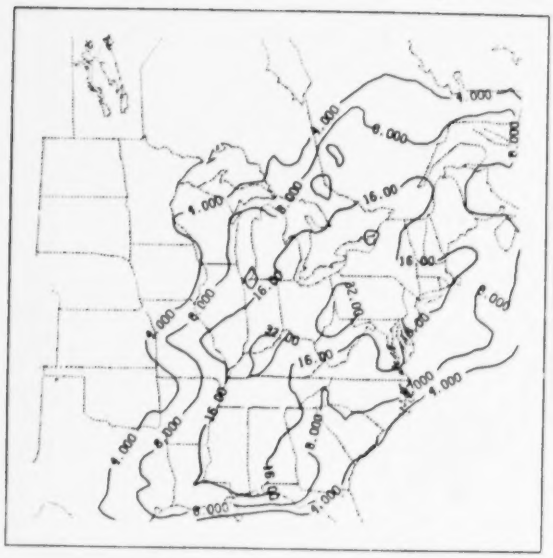
FIGURE A-2. SO_2 DRY DEPOSITION (mg m^{-2}).



Calculated by ENAMAP - 2S

Calculated by ENAMAP - 1A

FIGURE A-3. SO_2 WET DEPOSITION (mg m^{-2}).



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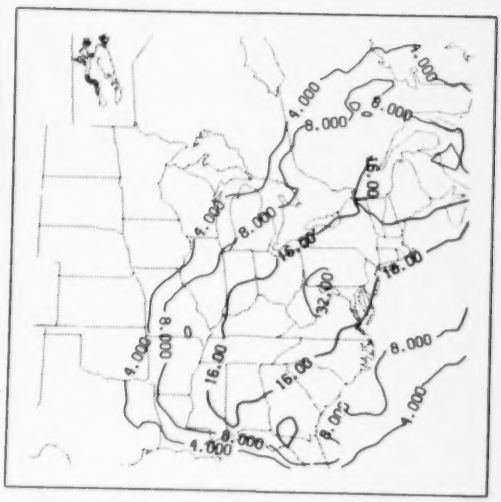
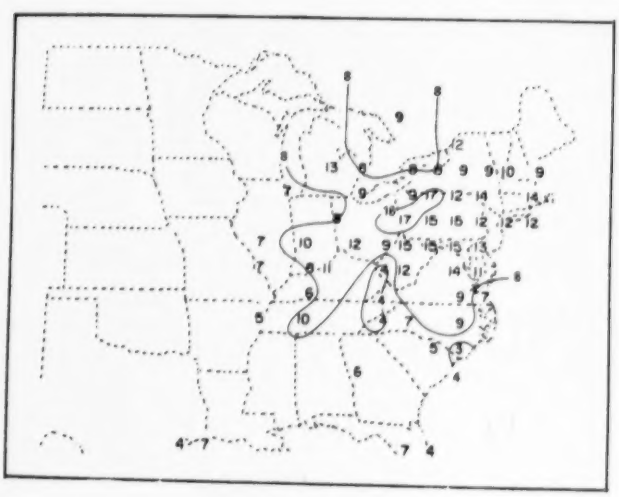
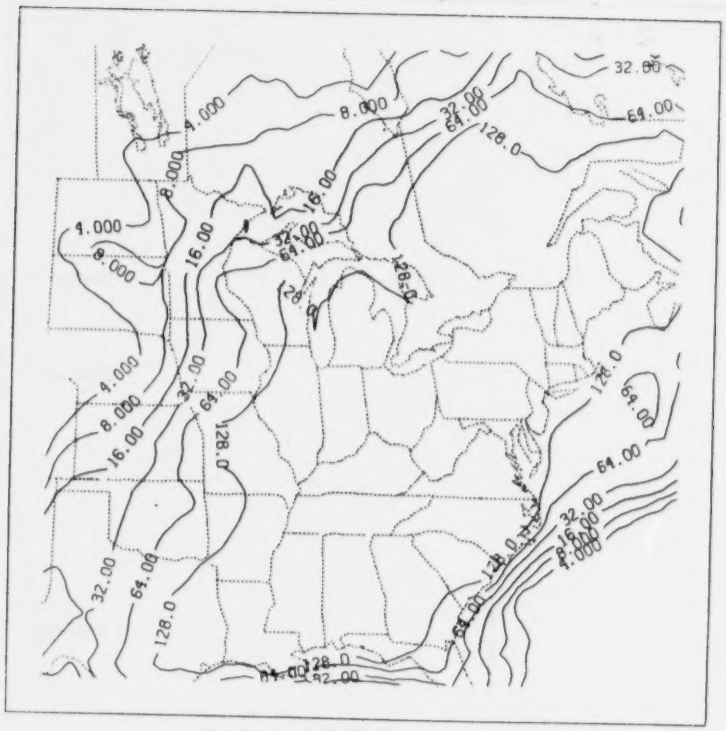


Calculated by ENAMAP-1A

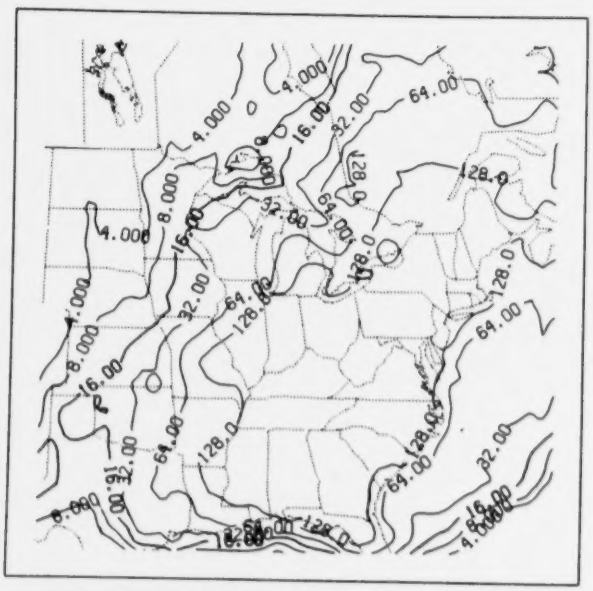


MEASURED

FIGURE A-4. SULFATE CONCENTRATIONS ($\mu g\ m^{-3}$).

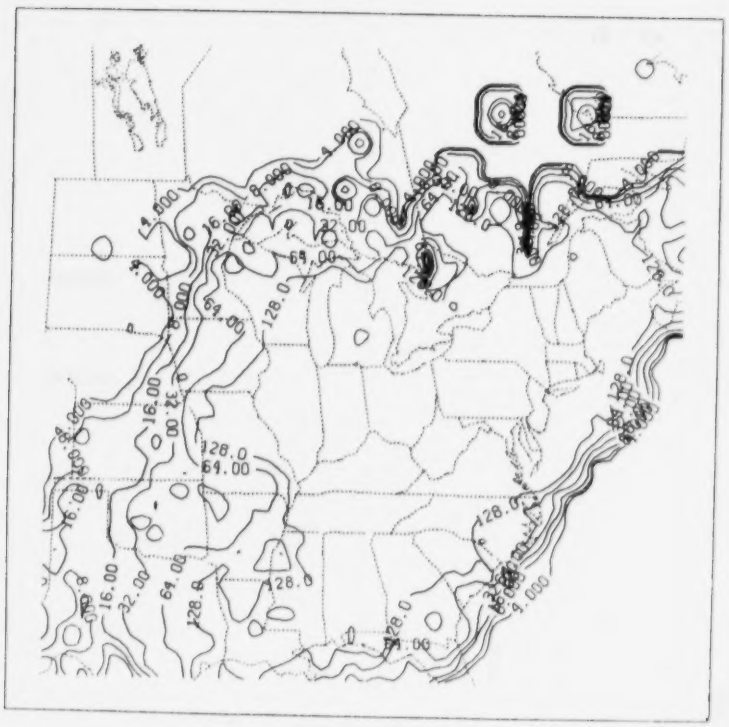


Calculated by ENAMAP-2S

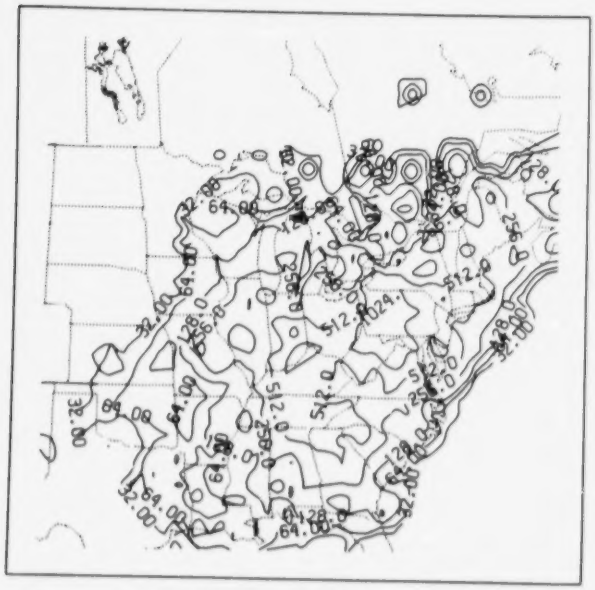


Calculated by ENAMAP-1A

FIGURE A-5. SULFATE DRY DEPOSITION (mg m^{-2}).



Calculated by ENAMAP - 2S



Calculated by ENAMAP - 1A

FIGURE A - 6. SULFATE WET DEPOSITION (mg m^{-2}).

Appendix B

INTERREGIONAL EXCHANGE TABLES FOR SULFUR COMPOUNDS

TABLE B-1. ENAMAP-2S SO_2 CONCENTRATION FOR JANUARY 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO2 CONCENTRATIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	13.1	.0	0.	.1	7.1	7.3	.0	.0	0.	0.	.5	.9	0.	C.	0.
2 ARKANSAS	.2	.8	0.	.0	.1	.1	.0	.0	.0	.0	.0	.2	.0	.0	0.
3 COLORADO	C.	0.	0.	0.	0.	0.	0.	0.	C.	0.	0.	0.	C.	C.	0.
4 DEL/MD/DC	C.	0.	0.	5.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5 FLORIDA	.2	0.	0.	0.	2.1	.4	0.	0.	0.	0.	0.	.0	0.	0.	0.
6 GEORGIA	1.3	0.	0.	.1	1.6	6.9	0.	0.	0.	0.	0.	.1	.0	0.	0.
7 ILLINOIS	1.0	1.1	0.	2.6	.2	1.1	14.7	13.0	.4	.0	9.5	.1	1.4	2.3	0.
8 INDIANA	.1	.0	0.	5.1	.0	.1	2.0	18.9	.0	0.	12.7	0.	1.9	1.8	0.
9 IOWA	.0	.1	0.	.1	.0	.0	1.5	1.0	2.2	.1	.3	.0	.2	.6	.1
10 KANSAS	.0	.1	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0
11 KENTUCKY	.4	.0	0.	5.7	.1	.7	.2	2.2	0.	0.	21.1	.0	.4	.0	0.
12 LOUISIANA	.8	.2	0.	.0	.7	.5	0.	0.	0.	0.	.0	5.3	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.3	0.	0.
14 MICHIGAN	C.	0.	0.	.5	0.	0.	.4	1.8	.0	0.	.1	0.	3.8	6.5	.0
15 MINNESOTA	.0	.0	0.	.1	.0	.0	.7	.6	1.3	.0	.1	.0	.3	1.3	1.6
16 MISS.	.7	.1	0.	.0	.5	.3	.0	.0	0.	0.	.0	.8	.0	C.	0.
17 MISSOURI	1.3	2.6	0.	1.1	.3	.7	6.2	2.8	.5	.5	4.7	.4	.5	.2	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	C.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
20 NH/VT	C.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	C.	0.
21 NEW JERSEY	C.	0.	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.	.0	C.	0.
22 NEW MEXICO	C.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	C.	0.	0.	.2	0.	0.	0.	0.	C.	0.	0.	0.	1.5	.0	0.
24 N CAROLINA	.0	0.	0.	.3	.1	.2	0.	0.	0.	0.	.0	0.	0.	C.	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.C	.1	.0	.1	.0	.0	.0	.0	.0	.1
26 OHIO	0.	0.	0.	10.1	0.	0.	.C	.6	0.	0.	1.7	0.	1.9	.C	0.
27 OKLAHOMA	.1	.5	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.0	.C	0.
28 PENN.	C.	0.	0.	12.9	0.	0.	0.	0.	C.	0.	.0	0.	1.2	.0	0.
29 RI/MA/CT	C.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
30 S CAROLINA	.0	0.	0.	.0	.3	.7	0.	0.	0.	0.	.0	0.	0.	0.	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.C	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	2.8	.3	0.	1.2	.3	2.4	.1	.2	0.	0.	4.3	.2	.0	C.	0.
33 TEXAS	.2	.4	.0	.0	.1	.1	.0	.0	.0	.1	.0	1.2	.0	0.	0.
34 VIRGINIA	C.	0.	0.	2.9	.0	.0	0.	0.	0.	0.	.0	0.	.0	0.	0.
35 W VIRGINIA	0.	0.	0.	16.4	.0	.0	0.	0.	0.	0.	.3	0.	.9	C.	0.
36 WISCONSIN	.0	.0	0.	.3	.0	.0	1.7	1.6	.4	.0	.3	.0	.9	3.9	.1
37 MANITOBA	.0	.0	0.	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.2
38 N BRUNS	C.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.1	.0	0.	.0	0.	3.7	1.0	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.0	.1	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	C.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL SO2 UG/M3	22.2	6.3	.0	66.0	13.6	21.6	27.7	43.0	5.3	1.2	56.0	9.5	26.2	18.0	2.1

TABLE B-1. ENAMAP-2S SO_2 CONCENTRATION FOR JANUARY 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO2 CONCENTRATIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	2.8	.0	0.	0.	0.	.0	0.	.0	2.0	0.	.0	0.	.0	.0	4.1
2 ARKANSAS	.5	.1	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.1
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	0.	.0	1.8	0.	.1	.2	0.	.0	0.	.4	.2	0.
5 FLORIDA	.0	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	.1
6 GEORGIA	.1	0.	0.	0.	0.	.0	0.	0.	1.9	0.	0.	0.	0.	.0	5.1
7 ILLINOIS	.7	3.5	0.	0.	1.7	2.6	0.	2.4	1.9	0.	6.5	.0	3.1	1.9	1.5
8 INDIANA	.0	.4	0.	0.	2.6	4.7	0.	3.7	1.4	0.	15.3	0.	5.8	3.5	.4
9 IOWA	.1	.4	0.	.0	.2	.2	0.	.3	.1	.0	.6	.1	.2	.2	.0
10 KANSAS	.0	.2	0.	.0	.0	.0	.0	.0	.0	0.	.0	.1	.0	.0	.0
11 KENTUCKY	.0	.0	0.	0.	.7	4.3	0.	1.0	3.5	0.	5.9	0.	3.5	2.1	1.5
12 LOUISIANA	1.3	.0	0.	0.	.0	.0	0.	.0	.1	0.	0.	.0	.0	.0	.2
13 MAINE	0.	0.	0.	0.	.9	.0	0.	.1	0.	0.	0.	0.	0.	.5	0.
14 MICHIGAN	0.	.0	0.	0.	4.6	1.9	0.	6.0	.0	0.	4.7	0.	2.7	3.1	0.
15 MINNESOTA	.0	.2	0.	.0	.3	.1	0.	.2	.0	.0	.3	.0	.1	.1	.0
16 MISS.	1.6	.0	0.	0.	.0	.0	0.	.0	.1	0.	0.	.0	.0	.0	.2
17 MISSOURI	1.3	9.7	0.	.0	.6	1.1	0.	.7	.7	0.	1.7	.5	1.0	.7	.9
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.1	0.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	2.0	.2	0.	.2	0.	0.	0.	0.	.0	3.8	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	8.3	0.	.3	.0	0.	0.	0.	.3	.7	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	3.5	10.5	0.	6.4	0.	0.	.0	0.	1.2	10.9	0.
24 N CAROLINA	0.	0.	0.	0.	0.	.0	0.	.0	6.7	0.	0.	0.	.0	.0	3.5
25 N DAKOTA	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
26 OHIO	0.	0.	0.	0.	3.4	12.1	0.	6.7	.2	0.	14.6	0.	18.0	6.9	.0
27 OKLAHOMA	.2	.2	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
28 PENN.	0.	0.	0.	0.	2.1	21.8	0.	5.1	.1	0.	.8	0.	18.8	7.5	0.
29 RI/MA/CT	0.	0.	0.	0.	.1	.2	0.	.1	0.	0.	0.	0.	.0	2.8	0.
30 S CAROLINA	0.	0.	0.	0.	0.	.0	0.	.0	1.2	0.	0.	0.	0.	.0	4.9
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	1.7	.1	0.	0.	.0	.7	0.	.1	4.1	0.	.2	0.	.3	.3	3.3
33 TEXAS	.4	.0	0.	.0	.0	.0	.2	.0	.0	0.	.0	.6	.0	.0	.1
34 VIRGINIA	0.	0.	0.	0.	.0	.8	0.	.0	4.2	0.	.0	0.	.1	.1	.3
35 W VIRGINIA	0.	0.	0.	0.	1.6	13.4	0.	3.2	.4	0.	3.2	0.	17.4	5.3	.0
36 WISCONSIN	.0	.2	0.	0.	.8	.4	0.	.8	.0	0.	1.0	.0	.5	.6	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.1	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0	0.
39 ONTARIO	0.	.0	0.	0.	3.5	.2	0.	3.7	.0	.0	.3	0.	.3	1.7	0.
40 QUEBEC	0.	0.	0.	0.	1.9	.0	0.	.4	0.	0.	0.	0.	.0	.4	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL SO2 UG/M3	10.7	15.3	.1	.2	30.6	85.7	.2	41.5	28.9	.3	55.4	2.2	73.8	53.5	26.2

TABLE B-1. ENAMAP-2S SO_2 CONCENTRATION FOR JANUARY 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO2 CONCENTRATIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	0.	2.3	.0	.6	.0	0.	0.	.0	0.	0.	0.
2 ARKANSAS	0.	.2	.0	.0	.0	.0	0.	.0	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	1.0	.2	0.	0.	.0	.0	0.	0.
5 FLORIDA	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	.8	0.	.4	.0	0.	0.	0.	0.	0.	0.
7 ILLINOIS	0.	6.5	.0	2.3	3.5	.5	0.	1.1	.5	.5	.4
8 INDIANA	0.	1.9	0.	3.4	7.8	.0	0.	1.4	.7	.4	.4
9 IOWA	.0	.2	.0	.1	.2	.0	0.	.2	.2	.2	.1
10 KANSAS	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
11 KENTUCKY	0.	5.4	0.	5.0	9.2	0.	0.	.6	.0	.0	.0
12 LOUISIANA	0.	.0	.3	.0	.0	0.	0.	.0	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	1.5	0.	.0	.0
14 MICHIGAN	0.	.0	0.	.1	.3	.3	0.	2.7	2.7	1.5	.9
15 MINNESOTA	.0	.0	.0	.1	.1	3.7	.0	.4	.4	.3	.2
16 MISS.	0.	.0	.0	.0	.0	0.	0.	.0	0.	0.	0.
17 MISSOURI	0.	3.5	.0	.9	1.6	.1	0.	.4	.1	.1	.1
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.5	.0	.0	.0
21 NEW JERSEY	0.	0.	0.	.0	.0	0.	0.	.1	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	1.2	.2	.1	.1
24 N CAROLINA	0.	.1	0.	1.4	.0	0.	0.	.0	0.	0.	0.
25 N DAKOTA	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
26 OHIO	0.	.0	0.	2.0	14.9	0.	0.	1.8	.2	.2	.2
27 OKLAHOMA	0.	.1	.1	.0	.0	.0	0.	.0	.0	.0	0.
28 PENN.	0.	0.	0.	1.0	2.2	0.	0.	1.3	.1	.1	.0
29 RI/MA/CT	0.	0.	0.	.0	.0	0.	0.	.2	.0	0.	0.
30 S CAROLINA	0.	.0	0.	.1	.0	0.	0.	0.	0.	0.	0.
31 S DAKOTA	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	0.	10.9	.0	2.5	1.3	0.	0.	.1	.0	.0	0.
33 TEXAS	0.	.0	2.2	.0	.0	.0	0.	.0	.0	0.	0.
34 VIRGINIA	0.	.0	0.	6.7	.5	0.	0.	.0	0.	0.	0.
35 W VIRGINIA	0.	.0	0.	4.9	14.9	0.	0.	1.0	.0	.0	0.
36 WISCONSIN	0.	.1	.0	.1	.3	3.5	0.	.9	.9	.7	.4
37 MANITOBA	.0	.0	0.	.0	.0	.1	.1	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	1.7	.0	.1	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	3.3	2.6	2.5	1.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	3.5	.3	3.2	1.0
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL SO2 UG/M3	.4	32.3	2.7	32.9	57.1	9.7	.1	23.8	8.8	9.9	4.9

TABLE B-2. ENAMAP-2S SO_2 DRY DEPOSITION FOR JANUARY 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO2 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	10.7	.0	0.	.0	4.1	8.1	.0	.0	0.	0.	.4	.7	0.	C.	0.
2 ARKANSAS	.1	.6	0.	.0	.0	.1	.C	.0	.0	.0	.0	.2	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	C.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	C.	0.	0.	1.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5 FLORIDA	.2	0.	0.	0.	1.0	.4	0.	0.	0.	0.	0.	0.	.0	0.	0.
6 GEORGIA	1.0	0.	0.	.0	.8	8.3	0.	0.	0.	0.	0.	.0	0.	C.	0.
7 ILLINOIS	.7	.8	0.	.7	.1	1.0	14.1	8.7	.5	.1	7.3	.1	.6	2.4	0.
8 INDIANA	.1	.0	0.	1.1	.0	.1	1.9	15.2	.0	0.	11.5	0.	.8	1.9	0.
9 IOWA	.C	.1	0.	.0	.0	.C	1.3	.7	2.3	.2	.2	.0	.1	.7	.1
10 KANSAS	.0	.1	.0	.0	.0	.C	.1	.0	.1	.1	.0	.0	.0	.0	.0
11 KENTUCKY	.3	.0	0.	1.2	.0	.7	.2	1.6	0.	0.	16.8	.0	.2	.C	0.
12 LOUISIANA	.7	.2	0.	.0	.3	.5	0.	0.	0.	0.	.0	3.6	0.	0.	0.
13 MAINE	C.	0.	0.	0.	0.	0.	0.	0.	C.	0.	0.	0.	1.1	C.	0.
14 MICHIGAN	C.	0.	0.	.1	0.	0.	.3	1.5	.0	0.	.1	0.	1.5	7.7	.0
15 MINNESOTA	.0	.0	0.	.0	.0	.0	.5	.4	1.5	.1	.1	.0	.2	1.2	2.3
16 MISS.	.6	.0	0.	.0	.2	.4	.C	.0	0.	0.	.0	.7	.0	C.	0.
17 MISSOURI	.5	2.4	C.	.3	.2	.7	5.5	1.8	.6	.7	3.7	.3	.2	.3	.0
18 MONTANA	C.	0.	0.	0.	0.	0.	0.	0.	C.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.C	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.C	.0
20 NH/VT	C.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	C.	0.
21 NEW JERSEY	C.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.0	C.	0.
22 NEW MEXICO	C.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	C.	0.
23 NEW YORK	C.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.7	.0	0.
24 N CAROLINA	.C	0.	0.	.1	.1	.3	0.	0.	0.	0.	.0	0.	0.	0.	0.
25 N DAKOTA	.C	.0	.0	.0	.0	.C	.1	.0	.1	.0	.0	.0	.0	.C	.1
26 OHIO	0.	0.	0.	2.5	0.	0.	.C	.4	C.	0.	1.3	0.	1.0	.C	0.
27 OKLAHOMA	.1	.4	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.0	.C	0.
28 PENN.	C.	0.	0.	3.8	C.	0.	0.	0.	0.	0.	.0	0.	.6	.0	0.
29 RI/MA/CT	C.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	C.	0.
30 S CAROLINA	.0	0.	0.	.0	.2	.8	0.	0.	0.	0.	.0	0.	0.	C.	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.C	.C	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	2.5	.3	0.	.2	.2	2.5	.2	.2	0.	0.	2.7	.1	.0	C.	0.
33 TEXAS	.1	.3	.0	.0	.0	.1	.0	.0	.0	.1	.0	.9	.0	0.	0.
34 VIRGINIA	0.	0.	0.	.8	.0	.0	0.	0.	0.	0.	.0	0.	.0	C.	0.
35 W VIRGINIA	C.	0.	0.	4.4	.0	.0	0.	0.	0.	0.	.2	0.	.5	C.	0.
36 WISCONSIN	.0	.0	0.	.1	.0	.C	1.6	1.1	.5	.0	.2	.0	.4	4.1	.1
37 MANITOBA	.0	.0	0.	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.3
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.1	.0	0.	.0	0.	1.6	1.3	.0
40 QUEBEC	C.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.9	.0	0.
41 NEWFOUND	C.	0.	0.	0.	0.	0.	C.	0.	0.	0.	0.	0.	0.	C.	0.
TOTAL (KTON SO2)	18.0	5.3	.0	17.2	7.3	24.1	25.8	31.9	5.8	1.6	44.8	6.8	11.9	19.8	3.1

TABLE B-2. ENAMAP-2S SO_2 DRY DEPOSITION FOR JANUARY 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO2 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	2.9	.0	0.	0.	0.	.0	0.	.0	1.7	0.	.0	0.	.0	.0	2.3
2 ARKANSAS	.9	.1	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	0.	.0	.3	0.	.0	.2	0.	.0	0.	.3	.0	0.
5 FLORIDA	.0	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	.1
6 GEORGIA	.1	0.	0.	0.	0.	.0	0.	0.	1.8	0.	0.	0.	0.	.0	2.8
7 ILLINOIS	.7	4.4	0.	0.	.6	.5	0.	2.0	1.7	0.	5.5	.0	1.9	.6	.9
8 INDIANA	.0	.4	0.	0.	1.0	.8	0.	3.3	1.3	0.	12.1	0.	3.7	1.2	.3
9 IOWA	.1	.5	0.	.0	.1	.0	0.	.3	.1	.0	.4	.0	.2	.1	.0
10 KANSAS	.0	.2	0.	.0	.0	.0	.0	.0	.0	0.	.0	.1	.0	.0	.0
11 KENTUCKY	.0	.0	0.	0.	.2	.7	0.	1.0	3.0	0.	4.6	0.	2.3	.7	.9
12 LOUISIANA	1.1	.0	0.	0.	.0	.0	0.	.0	.1	0.	0.	.0	.0	.0	.1
13 MAINE	0.	0.	0.	0.	.4	.0	0.	.0	0.	0.	0.	0.	0.	.1	0.
14 MICHIGAN	0.	.0	0.	0.	1.8	.3	0.	4.9	.0	0.	5.4	0.	2.0	1.0	0.
15 MINNESOTA	.0	.2	0.	.0	.1	.0	0.	.2	.0	.0	.2	.0	.1	.0	.0
16 MISS.	1.4	.0	0.	0.	.0	.0	0.	.0	.1	0.	0.	.0	.0	.0	.1
17 MISSOURI	1.2	11.2	0.	.0	.2	.2	0.	.5	.7	0.	1.6	.6	.6	.2	.5
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.1	0.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	.8	.0	0.	.2	0.	0.	0.	0.	.0	1.1	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	1.8	0.	.2	.0	0.	0.	0.	.3	.1	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	1.1	2.1	0.	6.0	0.	0.	.0	0.	1.1	2.9	0.
24 N CAROLINA	0.	0.	0.	0.	0.	.0	0.	.0	6.7	0.	0.	0.	.0	.0	2.4
25 N DAKOTA	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
26 OHIO	0.	0.	0.	0.	1.3	2.0	0.	5.6	.2	0.	14.5	0.	11.4	2.3	.0
27 OKLAHOMA	.1	.2	0.	.0	.0	.0	.0	.0	.0	0.	.0	.9	.0	.0	.0
28 PENN.	0.	0.	0.	0.	.7	3.5	0.	4.1	.1	0.	.9	0.	13.3	1.8	0.
29 RI/MA/CT	0.	0.	0.	0.	.1	.1	0.	.1	0.	0.	0.	0.	.0	1.0	0.
30 S CAROLINA	0.	0.	0.	0.	0.	.0	0.	.0	1.2	0.	0.	0.	0.	.0	3.0
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	1.8	.1	0.	0.	.0	.1	0.	.0	3.6	0.	.2	0.	.2	.1	1.9
33 TEXAS	.4	.0	0.	.0	.0	.0	.1	.0	.0	0.	.0	.6	.0	.0	.0
34 VIRGINIA	0.	0.	0.	0.	.0	.1	0.	.0	4.5	0.	.0	0.	.1	.0	.2
35 W VIRGINIA	0.	0.	0.	0.	.7	1.9	0.	2.6	.4	0.	4.3	0.	10.0	1.5	.0
36 WISCONSIN	.0	.2	0.	0.	.3	.1	0.	.7	.0	0.	.8	.0	.4	.1	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.1	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0	0.
39 ONTARIO	0.	.0	0.	0.	1.4	.0	0.	3.1	.0	.0	.3	0.	.2	.6	0.
40 QUEBEC	0.	0.	0.	0.	.7	.0	0.	.3	0.	0.	0.	0.	.0	.1	0.
41 NEWFCUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON SO2)	10.3	17.7	.0	.2	11.5	14.5	.1	35.2	27.2	.3	51.0	2.3	47.9	15.8	15.6

TABLE B-2. ENAMAP-2S SO_2 DRY DEPOSITION FOR JANUARY 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO2 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	0.	1.5	.0	.4	.0	0.	0.	.0	0.	0.	0.
2 ARKANSAS	0.	.2	.1	.0	.0	.0	0.	.0	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.8	.1	0.	0.	.0	.0	0.	0.
5 FLORIDA	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	.5	0.	.3	.0	0.	0.	0.	0.	0.	0.
7 ILLINOIS	0.	5.2	.0	1.4	1.7	.5	0.	.8	4.4	2.5	.3
8 INDIANA	0.	1.5	0.	1.9	4.0	.1	0.	1.0	5.2	2.5	.3
9 IOWA	.0	.1	.0	.1	.1	1.0	0.	.1	1.1	.8	.1
10 KANSAS	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
11 KENTUCKY	0.	4.3	0.	2.7	5.1	0.	0.	.4	.1	.1	.0
12 LOUISIANA	0.	.0	.9	.0	.0	0.	0.	.0	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.9	0.	.1	.0
14 MICHIGAN	0.	.0	0.	.0	.1	.4	0.	1.8	18.7	7.8	.7
15 MINNESOTA	.0	.0	.0	.0	.1	4.3	.0	.2	2.7	1.5	.1
16 MISS.	0.	.0	.1	.0	.0	0.	0.	.0	0.	0.	0.
17 MISSOURI	0.	2.6	.1	.6	.7	.1	0.	.3	.5	.4	.1
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.3	.0	.0	.0
21 NEW JERSEY	0.	0.	0.	.0	.0	0.	0.	.1	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	.8	1.4	.6	.1
24 N CAROLINA	0.	.0	0.	1.0	.0	0.	0.	.0	0.	0.	0.
25 N DAKOTA	.3	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0
26 OHIO	0.	.0	0.	1.4	7.6	0.	0.	1.0	1.7	1.2	.2
27 OKLAHOMA	0.	.1	.4	.0	.0	.0	0.	.0	.0	.0	0.
28 PENN.	0.	0.	0.	.7	1.3	0.	0.	.7	.5	.3	.0
29 RI/MA/CT	0.	0.	0.	.0	.0	0.	0.	.2	.0	0.	0.
30 S CAROLINA	0.	.0	0.	.1	.0	0.	0.	0.	0.	0.	0.
31 S DAKOTA	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	0.	8.0	.0	1.5	.7	0.	0.	.1	.0	.0	0.
33 TEXAS	0.	.0	7.2	.0	.0	.0	0.	.0	.0	0.	0.
34 VIRGINIA	0.	.0	0.	4.9	.2	0.	0.	.0	0.	0.	0.
35 W VIRGINIA	0.	.0	0.	3.5	8.3	0.	0.	.6	.1	.1	0.
36 WISCONSIN	0.	.0	.0	.1	.1	4.5	0.	.5	5.9	3.4	.3
37 MANITOBA	.0	.0	0.	.0	.0	.1	.2	.0	.2	.1	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	1.1	.0	.4	.0
39 ONTARIO	0.	0.	0.	.0	.0	.1	.0	2.2	16.7	12.2	.8
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	2.1	1.8	16.3	.8
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON SO2)	.4	24.3	9.0	21.5	30.3	11.4	.2	15.1	61.1	50.5	3.9

TABLE B-3. ENAMAP-2S SO_2 WET DEPOSITION FOR JANUARY 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO2 WET DEPOSITIONS WITHIN RECEPTOR REGIONS 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	1.3	.0	0.	.0	.1	.5	.0	.0	0.	0.	.0	.3	0.	0.	0.
2 ARKANSAS	.0	.1	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5 FLORIDA	.1	0.	0.	0.	.1	.0	0.	0.	0.	0.	0.	0.	.0	0.	0.
6 GEORGIA	.2	0.	0.	.0	.1	.8	0.	0.	0.	0.	0.	.0	0.	0.	0.
7 ILLINOIS	.0	.1	0.	.0	.0	.1	.6	.2	.0	.0	.2	.0	.0	.0	0.
8 INDIANA	.0	.0	0.	.0	0.	.0	.1	.6	0.	0.	.5	0.	.0	.1	0.
9 IOWA	.0	.0	0.	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
10 KANSAS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
11 KENTUCKY	.0	.0	0.	.0	.0	.0	.0	.1	0.	0.	1.1	.0	.0	0.	0.
12 LOUISIANA	.0	.0	0.	.0	.0	.0	0.	0.	0.	0.	.0	.7	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
14 MICHIGAN	0.	0.	0.	.0	0.	0.	.0	.1	.0	0.	.0	.0	.0	.1	.0
15 MINNESOTA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 MISS.	.0	.0	0.	.0	.0	.0	.0	0.	0.	0.	.0	.1	.0	0.	0.
17 MISSOURI	.0	.2	0.	.0	.0	.0	.2	.1	.0	.0	.1	.0	.0	0.	0.
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0	.0	.0	.0	0.
21 NEW JERSEY	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
23 NEW YORK	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24 N CAROLINA	.0	0.	0.	.0	.0	.0	0.	0.	0.	0.	.0	0.	0.	.0	0.
25 N DAKOTA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
26 OHIO	0.	0.	0.	.1	0.	0.	.0	.0	0.	0.	.0	.0	.0	.0	.0
27 OKLAHOMA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	0.	.0	.0	0.
28 PENN.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	.0	0.	.0	.0	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	.0	0.	.0	0.	0.
30 S CAROLINA	.0	0.	0.	.0	.0	.1	0.	0.	0.	0.	.0	0.	0.	0.	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.1	.0	0.	.0	.0	.1	.0	.0	0.	0.	.4	.0	.0	0.	0.
33 TEXAS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	0.	0.
34 VIRGINIA	0.	0.	0.	.1	0.	.0	0.	0.	0.	0.	.0	0.	.0	0.	0.
35 W VIRGINIA	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	.0	0.	.0	0.	0.
36 WISCONSIN	0.	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
37 MANITOBA	0.	0.	0.	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	.0	0.	.0	0.	.0	.0	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON SO2)	1.9	.5	.0	1.0	.4	1.9	1.1	1.1	.1	.1	2.5	1.3	.2	.4	.0

Camera Setting Same Size

TABLE B-3. ENAMAP-2S SO_2 WET DEPOSITION FOR JANUARY 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO2 WET DEPOSITIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	.7	.0	0.	0.	0.	.0	0.	0.	.1	0.	0.	0.	0.	0.	.1
2 ARKANSAS	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	0.
5 FLORIDA	.0	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	.0
6 GEORGIA	.0	0.	0.	0.	0.	.0	0.	0.	.1	0.	0.	0.	0.	0.	.2
7 ILLINOIS	.0	.3	0.	0.	.0	.0	0.	.0	.1	0.	.2	.0	.1	.0	.0
8 INDIANA	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.5	0.	.1	.0	.0
9 IOWA	.0	.0	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
10 KANSAS	.0	.0	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
11 KENTUCKY	.0	.0	0.	0.	.0	.0	0.	.0	.1	0.	.2	0.	.1	.0	.0
12 LOUISIANA	.1	0.	0.	0.	0.	.0	0.	.0	.0	0.	0.	.0	.0	.0	.0
13 MAINE	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	0.	.0	0.	0.	.0	.0	0.	.0	0.	0.	.1	0.	.0	.0	0.
15 MINNESOTA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
16 MISS.	.3	.0	0.	0.	0.	.0	0.	.0	.0	0.	0.	.0	.0	.0	.0
17 MISSOURI	.0	.6	0.	.0	.0	.0	0.	.0	.0	0.	.1	.1	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	.1	.0	0.	.0	0.	0.	0.	0.	.0	.1	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	.1	0.	.0	0.	0.	0.	0.	.1	.0	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	.0	.2	0.	.2	0.	0.	.0	0.	.1	.2	0.
24 N CAROLINA	0.	0.	0.	0.	0.	.0	0.	.0	.6	0.	0.	0.	.0	.0	.1
25 N DAKOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	0.	0.	0.	.0	.1	0.	.1	.0	0.	.6	0.	.3	.1	0.
27 OKLAHOMA	.0	.0	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
28 PENN.	0.	0.	0.	0.	.0	.2	0.	.1	.0	0.	.1	0.	.5	.1	0.
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.1	0.
30 S CAROLINA	0.	0.	0.	0.	0.	.0	0.	0.	.1	0.	0.	0.	0.	0.	.3
31 S DAKOTA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.1	.0	0.	0.	.0	.0	0.	.0	.2	0.	.0	0.	.0	.0	.1
33 TEXAS	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
34 VIRGINIA	0.	0.	0.	0.	.0	.0	0.	.0	.2	0.	.0	0.	.0	.0	.0
35 W VIRGINIA	0.	0.	0.	0.	.0	.1	0.	.1	.0	0.	.2	0.	.5	.1	.0
36 WISCONSIN	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0	0.	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0	0.
39 ONTARIO	0.	.0	0.	0.	.0	.0	0.	.0	0.	.0	0.	0.	.0	.0	0.
40 QUEBEC	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON SO2)	1.4	1.0	.0	.0	.3	.6	.0	.7	1.5	.0	1.9	.1	2.0	.9	.9

TABLE B-3. ENAMAP-2S SO_2 WET DEPOSITION FOR JANUARY 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO2 WET DEPOSITIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	0.	.3	.0	.0	.0	0.	0.	0.	0.	0.	0.
2 ARKANSAS	0.	.0	.0	.0	.0	0.	0.	.0	0.	0.	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.1	.0	0.	0.	.0	0.	0.	0.
5 FLORIDA	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	.2	0.	.0	.0	0.	0.	0.	0.	0.	0.
7 ILLINOIS	0.	.2	.0	.1	.1	.0	0.	.0	.0	0.	0.
8 INDIANA	0.	.1	0.	.1	.2	.0	0.	.0	.1	0.	0.
9 IOWA	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
10 KANSAS	0.	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
11 KENTUCKY	0.	.2	0.	.1	.3	0.	0.	.0	.0	0.	0.
12 LOUISIANA	0.	.0	.2	.0	.0	0.	0.	.0	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
14 MICHIGAN	0.	0.	0.	.0	.0	.0	0.	.0	.2	0.	0.
15 MINNESOTA	.0	.0	.0	.0	.0	.1	0.	.0	.0	0.	0.
16 MISS.	0.	.0	.0	.0	.0	0.	0.	.0	0.	0.	0.
17 MISSOURI	0.	.1	.0	.0	.0	.0	0.	.0	.0	0.	0.
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
21 NEW JERSEY	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	.0	.0	0.	0.
24 N CAROLINA	0.	.0	0.	.1	.0	0.	0.	0.	0.	0.	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
26 OHIO	0.	.0	0.	.0	.4	0.	0.	.0	.0	0.	0.
27 OKLAHOMA	0.	.0	.0	.0	.0	0.	0.	.0	.0	0.	0.
28 PENN.	0.	0.	0.	.1	.1	0.	0.	.0	.0	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
30 S CAROLINA	0.	.0	0.	.0	.0	0.	0.	0.	0.	0.	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
32 TENNESSEE	0.	.6	.0	.1	.1	0.	0.	.0	0.	0.	0.
33 TEXAS	0.	.0	.5	.0	.0	0.	0.	.0	0.	0.	0.
34 VIRGINIA	0.	.0	0.	.5	.1	0.	0.	.0	0.	0.	0.
35 W VIRGINIA	0.	.0	0.	.2	.6	0.	0.	.0	0.	0.	0.
36 WISCONSIN	0.	.0	.0	.0	.0	.1	0.	.0	.1	0.	0.
37 MANITOBA	.0	0.	0.	.0	.0	.0	.0	.0	.0	0.	0.
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
39 ONTARIO	0.	0.	0.	.0	.0	.0	0.	.0	.0	0.	0.
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON SO2)	.0	1.8	.9	1.6	1.8	.3	.0	.2	.5	0.	0.

TABLE B-4. ENAMAP-2S SULFATE CONCENTRATION FOR JANUARY 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO4 CONCENTRATIONS WITHIN RECEPTOR REGIONS 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	3.0	.0	0.	.1	3.0	3.1	.0	.0	0.	0.	.2	.5	0.	0.	0.
2 ARKANSAS	.2	.2	0.	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5 FLORIDA	.1	0.	0.	0.	.6	.2	0.	0.	0.	0.	0.	0.	.0	0.	0.
6 GEORGIA	.5	0.	0.	.0	.9	1.7	0.	0.	0.	0.	.1	.0	0.	0.	0.
7 ILLINOIS	.6	.5	0.	1.8	.3	.8	2.5	3.5	.1	.0	3.4	.1	.9	.5	0.
8 INDIANA	.1	.0	0.	2.7	.0	.1	.6	2.9	.0	0.	3.5	0.	1.1	.4	0.
9 IOWA	.0	.1	0.	.1	.0	.0	.5	.5	.4	.1	.2	.1	.2	.3	.0
10 KANSAS	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 KENTUCKY	.2	.0	0.	2.6	.1	.4	.1	.5	0.	0.	4.7	.0	.2	.0	0.
12 LOUISIANA	.6	.1	0.	.0	.7	.4	0.	0.	0.	0.	.0	1.6	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	0.	0.
14 MICHIGAN	0.	0.	0.	.2	0.	0.	.1	.6	.0	0.	.0	0.	2.0	.9	.0
15 MINNESOTA	.0	.0	0.	.1	.0	.0	.3	.3	.4	.0	.1	.1	.3	.7	.2
16 MISS.	.3	.0	0.	.0	.4	.3	.0	.0	0.	0.	.0	.4	.0	0.	0.
17 MISSOURI	1.0	1.3	0.	.8	.4	.6	1.7	1.1	.2	.2	2.3	.3	.4	.1	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
21 NEW JERSEY	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.5	.0	0.
24 N CAROLINA	.0	0.	0.	.1	.1	.1	0.	0.	0.	0.	.0	0.	0.	0.	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
26 OHIO	0.	0.	0.	3.5	0.	0.	.0	.2	0.	0.	.6	0.	.8	.0	0.
27 OKLAHOMA	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	0.
28 PENN.	0.	0.	0.	3.1	0.	0.	0.	0.	0.	0.	.0	0.	.4	.0	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
30 S CAROLINA	.0	0.	0.	.0	.2	.3	0.	0.	0.	0.	.0	0.	0.	0.	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	1.1	.1	0.	.7	.4	1.2	.1	.1	0.	0.	1.3	.1	.0	0.	0.
33 TEXAS	.2	.3	.0	.0	.1	.1	.0	.0	.0	.1	.0	.7	.0	0.	0.
34 VIRGINIA	0.	0.	0.	.9	.0	.0	0.	0.	0.	0.	.0	0.	.0	0.	0.
35 W VIRGINIA	0.	0.	0.	4.5	.0	.0	0.	0.	0.	0.	.1	0.	.4	0.	0.
36 WISCONSIN	.0	.0	0.	.2	.0	.0	.5	.6	.1	.0	.2	.0	.6	1.2	.0
37 MANITOBA	.0	.0	0.	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.1
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	.0	0.	.0	0.	1.8	.2	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.3	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL SO4 UG/M3	8.0	3.1	.0	22.6	7.3	9.5	6.6	10.5	1.2	.5	16.8	4.2	11.6	5.0	.4

TABLE B-4. ENAMAP-2S SULFATE CONCENTRATION FOR JANUARY 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO4 CONCENTRATIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	1.0	.0	0.	0.	0.	.0	0.	.0	1.3	0.	.0	0.	.0	.0	2.3
2 ARKANSAS	.2	.0	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.1
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	0.	.0	.5	0.	.0	.1	0.	.0	0.	.1	.1	0.
5 FLORIDA	.0	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	.1
6 GEORGIA	.1	0.	0.	0.	0.	.0	0.	0.	1.0	0.	0.	0.	0.	.0	2.0
7 ILLINOIS	.4	1.2	0.	0.	1.1	1.8	0.	1.5	1.4	0.	2.6	.0	1.7	1.4	1.3
8 INDIANA	.0	.2	0.	0.	1.5	2.4	0.	1.9	.9	0.	4.1	0.	2.5	2.0	.3
9 IOWA	.1	.2	0.	.0	.2	.1	0.	.3	.1	.0	.4	.0	.2	.2	.0
10 KANSAS	.0	.1	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
11 KENTUCKY	.0	.0	0.	0.	.3	2.1	0.	.5	1.7	0.	1.4	0.	1.5	1.1	.9
12 LOUISIANA	.6	.0	0.	0.	.0	.0	0.	.0	.1	0.	0.	.0	.0	.0	.3
13 MAINE	0.	0.	0.	0.	.2	.0	0.	.0	0.	0.	0.	0.	0.	.2	0.
14 MICHIGAN	0.	.0	0.	0.	2.2	1.0	0.	2.5	.0	0.	1.1	0.	1.0	1.9	0.
15 MINNESOTA	.0	.1	0.	.0	.2	.1	0.	.2	.0	.0	.3	.0	.1	.1	.0
16 MISS.	.5	.0	0.	0.	.0	.0	0.	.0	.1	0.	0.	.0	.0	.0	.2
17 MISSOURI	.9	2.1	0.	.0	.4	.8	0.	.4	.6	0.	.9	.3	.6	.6	.8
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	.3	.1	0.	.1	0.	0.	0.	0.	.0	.7	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	1.2	0.	.1	.0	0.	0.	0.	.1	.3	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	.9	2.1	0.	1.1	0.	0.	.0	0.	.3	2.7	0.
24 N CAROLINA	0.	0.	0.	0.	0.	.0	0.	.0	1.6	0.	0.	0.	.0	.0	1.1
25 N DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
26 OHIO	0.	0.	0.	0.	1.3	4.8	0.	2.4	.1	0.	2.2	0.	4.8	2.8	.0
27 OKLAHOMA	.1	.1	0.	.0	.0	.0	.0	.0	.0	0.	.0	.3	.0	.0	.0
28 PENN.	0.	0.	0.	0.	.7	5.6	0.	1.4	.1	0.	.2	0.	3.0	2.4	0.
29 RI/MA/CT	0.	0.	0.	0.	.0	.1	0.	.0	0.	0.	0.	0.	.0	.4	0.
30 S CAROLINA	0.	0.	0.	0.	0.	.0	0.	.0	.5	0.	0.	0.	0.	.0	1.1
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.6	.0	0.	0.	.0	.4	0.	.0	1.8	0.	.1	0.	.1	.1	1.7
33 TEXAS	.4	.0	0.	.0	.0	.0	.1	.0	.0	0.	.0	.4	.0	.0	.1
34 VIRGINIA	0.	0.	0.	0.	.0	.3	0.	.0	1.2	0.	.0	0.	.0	.0	.2
35 W VIRGINIA	0.	0.	0.	0.	.5	4.7	0.	1.1	.2	0.	.4	0.	4.0	1.8	.0
36 WISCONSIN	.0	.1	0.	0.	.6	.3	0.	.6	.0	0.	.5	.0	.3	.4	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0	0.
39 ONTARIO	0.	.0	0.	0.	1.4	.1	0.	1.2	.0	.0	.1	0.	.1	.5	0.
40 QUEBEC	0.	0.	0.	0.	.4	.0	0.	.1	0.	0.	0.	0.	.0	.2	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL SO4 UG/M3	4.9	4.2	.0	.1	12.5	28.8	.1	15.4	13.0	.1	14.3	1.1	20.7	20.3	12.4

TABLE B-4. ENAMAP-2S SULFATE CONCENTRATION FOR JANUARY 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO4 CONCENTRATIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	0.	.9	.0	.3	.0	0.	0.	.0	0.	0.	0.
2 ARKANSAS	0.	.1	.0	.0	.0	.0	0.	.0	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.2	.0	0.	0.	.0	.0	0.	0.
5 FLORIDA	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	.2	0.	.2	.0	0.	0.	0.	0.	0.	0.
7 ILLINOIS	0.	2.7	.0	1.6	2.0	.1	0.	.8	.3	.3	.3
8 INDIANA	0.	.9	0.	1.9	3.1	.0	0.	.9	.3	.3	.3
9 IOWA	.0	.1	.0	.1	.1	.3	0.	.1	.1	.1	.1
10 KANSAS	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
11 KENTUCKY	0.	1.7	0.	2.0	3.0	0.	0.	.4	.0	.0	.0
12 LOUISIANA	0.	.0	.1	.0	.0	0.	0.	.0	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.4	0.	.0	.0
14 MICHIGAN	0.	.0	0.	.0	.1	.1	0.	1.5	.8	.8	.6
15 MINNESOTA	.0	.0	.0	.1	.1	.5	.0	.3	.3	.2	.1
16 MISS.	0.	.0	.0	.0	.0	0.	0.	.0	0.	0.	0.
17 MISSOURI	0.	1.9	.0	.7	1.1	.0	0.	.4	.0	.1	.1
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.2	.0	.0	.0
21 NEW JERSEY	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	.5	.0	.0	.0
24 N CAROLINA	0.	.0	0.	.5	.0	0.	0.	.0	0.	0.	0.
25 N DAKOTA	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	.0	0.	.7	3.2	0.	0.	1.0	.1	.1	.1
27 OKLAHOMA	0.	.1	.1	.0	.0	.0	0.	.0	.0	.0	0.
28 PENN.	0.	0.	0.	.4	.4	0.	0.	.6	.0	.0	.0
29 RI/MA/CT	0.	0.	0.	.0	.0	0.	0.	.1	.0	0.	0.
30 S CAROLINA	0.	.0	0.	.0	.0	0.	0.	0.	0.	0.	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	0.	2.5	.0	1.1	.6	0.	0.	.1	.0	.0	0.
33 TEXAS	0.	.0	1.0	.0	.0	.0	0.	.0	.0	0.	0.
34 VIRGINIA	0.	.0	0.	1.3	.1	0.	0.	.0	0.	0.	0.
35 W VIRGINIA	0.	.0	0.	1.6	2.3	0.	0.	.5	.0	.0	0.
36 WISCONSIN	0.	.1	.0	.1	.2	.5	0.	.6	.5	.4	.3
37 MANITOBA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.3	.0	.0	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	1.8	.5	1.0	.6
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	1.4	.1	.9	.4
41 NEWFCLND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL SO4 UG/M3	.1	11.3	1.3	13.1	16.6	2.0	.0	12.2	3.1	4.4	3.0

TABLE B-5. ENAMAP-2S SULFATE DRY DEPOSITION FOR JANUARY 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO4 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	7.5	.0	0.	.1	4.9	9.7	.0	.0	0.	0.	.5	1.3	0.	C.	0.
2 ARKANSAS	.4	.7	0.	.0	.1	.3	.0	.0	.0	.0	.1	.3	.0	.0	0.
3 COLORADO	C.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	C.	0.
4 DEL/MD/DC	0.	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
5 FLORIDA	.2	0.	0.	0.	1.0	.6	0.	0.	0.	0.	0.	0.	.0	0.	0.
6 GEORGIA	1.3	0.	0.	.0	1.4	5.4	0.	0.	0.	0.	0.	.0	0.	C.	0.
7 ILLINOIS	1.5	1.7	0.	1.5	.4	2.6	6.3	7.0	.2	.1	.1	.0	0.	C.	0.
8 INDIANA	.2	.0	0.	2.2	.0	.3	1.6	6.0	.0	0.	7.9	0.	2.5	1.3	0.
9 IOWA	.1	.2	0.	.1	.0	.1	1.2	1.0	1.0	.2	.5	.1	.3	1.0	.1
10 KANSAS	.1	.2	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0
11 KENTUCKY	.5	.0	0.	2.2	.2	1.3	.2	1.1	0.	0.	10.5	.0	.4	.0	0.
12 LOUISIANA	1.4	.3	0.	.0	1.1	1.4	C.	0.	0.	0.	.0	4.1	0.	C.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9	C.	0.
14 MICHIGAN	0.	0.	0.	.2	0.	0.	.3	1.1	.0	0.	.1	0.	4.5	2.8	.0
15 MINNESOTA	.0	.1	0.	.1	.0	.0	.8	.7	1.1	.1	.2	.2	.7	2.1	.9
16 MISS.	.8	.1	0.	.0	.6	.9	.0	.0	0.	0.	.0	1.0	.0	C.	0.
17 MISSOURI	2.4	3.9	0.	.7	.6	2.1	4.5	2.2	.5	.5	5.2	.8	.8	.4	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	C.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	C.	.3	C.	0.
21 NEW JERSEY	C.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.0	C.	0.
22 NEW MEXICO	C.	0.	0.	0.	0.	0.	C.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	1.1	.0	0.
24 N CAROLINA	.0	0.	0.	.1	.2	.4	C.	0.	0.	0.	.0	0.	0.	0.	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.1	.0	.0	.1	.2
26 OHIO	0.	0.	0.	2.9	0.	0.	.0	.3	0.	0.	1.3	0.	1.8	.0	0.
27 OKLAHOMA	.2	.7	.0	.0	.1	.1	.1	.0	.0	.3	.1	.5	.0	.0	0.
28 PENN.	C.	0.	0.	2.5	0.	0.	0.	0.	0.	0.	.0	0.	1.0	.0	0.
29 RI/MA/CT	C.	0.	0.	.0	0.	C.	C.	0.	0.	0.	0.	0.	.0	0.	0.
30 S CAROLINA	.0	0.	0.	.0	.4	.9	0.	0.	C.	0.	.0	0.	C.	C.	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	2.6	.3	0.	.6	.7	3.8	.2	.2	0.	0.	2.9	.4	.0	0.	0.
33 TEXAS	.5	.9	.0	.0	.2	.3	.0	.0	.0	.2	.0	2.0	.0	C.	0.
34 VIRGINIA	C.	0.	0.	.7	.0	.1	0.	0.	0.	0.	.0	0.	.0	C.	0.
35 W VIRGINIA	0.	0.	0.	3.8	.0	.0	C.	0.	C.	0.	.2	0.	.8	C.	0.
36 WISCONSIN	.0	.0	0.	.2	.0	.0	1.1	1.2	.3	.0	.4	.0	1.4	3.5	.0
37 MANITOBA	.0	.0	0.	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.1	.3
38 N BRUNS	C.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	C.	0.
39 ONTARIO	C.	0.	0.	.0	0.	0.	0.	.1	.0	0.	.0	0.	4.0	.7	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.9	.1	0.
41 NEWFOUND	C.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	C.	0.
TOTAL (KTON SO4)	15.8	9.2	.0	18.8	12.0	30.5	16.5	21.0	3.4	1.6	37.8	11.1	26.0	15.4	1.5

TABLE B-5. ENAMAP-2S SULFATE DRY DEPOSITION FOR JANUARY 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO4 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	3.0	.0	0.	0.	0.	.0	0.	.0	3.4	0.	.0	0.	.0	.0	3.6
2 ARKANSAS	.7	.2	0.	.0	.0	.0	0.	.0	.1	0.	.0	.0	.0	.0	.1
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	0.	.0	.3	0.	.1	.2	0.	.0	0.	.2	.1	0.
5 FLORIDA	.0	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	.1
6 GEORGIA	.2	0.	0.	0.	0.	.0	0.	0.	2.7	0.	0.	0.	0.	.0	3.2
7 ILLINOIS	1.2	4.1	0.	0.	1.3	.5	0.	4.1	3.9	0.	6.4	.0	3.8	1.1	2.0
8 INDIANA	.0	.7	0.	0.	1.7	1.2	0.	5.3	2.5	0.	9.9	0.	5.5	1.6	.5
9 IOWA	.2	.6	0.	.0	.2	.1	0.	.7	.2	.0	.8	.1	.4	.1	.0
10 KANSAS	.1	.2	0.	.0	.0	.0	.0	.0	.0	0.	.1	.1	.0	.0	.0
11 KENTUCKY	.1	.0	0.	0.	.4	1.1	0.	1.4	4.6	0.	3.6	0.	3.4	.9	1.4
12 LOUISIANA	1.6	.0	0.	0.	.0	.0	0.	.0	.3	0.	0.	.0	.0	.0	.4
13 MAINE	0.	0.	0.	0.	.2	.0	0.	.1	0.	0.	0.	0.	0.	.1	0.
14 MICHIGAN	0.	.0	0.	0.	2.7	.5	0.	7.0	.0	0.	2.7	0.	2.2	1.5	0.
15 MINNESOTA	.1	.3	0.	.0	.3	.1	0.	.6	.0	.0	.6	.1	.3	.1	.0
16 MISS.	1.3	.0	0.	0.	.0	.0	0.	.0	.1	0.	0.	.0	.0	.0	.3
17 MISSOURI	2.5	6.9	0.	.0	.5	.4	0.	1.2	1.7	0.	2.1	1.2	1.4	.5	1.3
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	0.
19 NEBRASKA	.0	.1	0.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	.4	.0	0.	.2	0.	0.	0.	0.	.0	.6	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	.6	0.	.2	.0	0.	0.	0.	.2	.2	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	1.1	1.1	0.	3.0	0.	0.	.0	0.	.6	2.2	0.
24 N CAROLINA	0.	0.	0.	0.	0.	.0	0.	.0	4.4	0.	0.	0.	.0	.0	1.7
25 N DAKOTA	.0	.1	.0	.1	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
26 OHIO	0.	0.	0.	0.	1.6	2.4	0.	6.6	.3	0.	5.3	0.	10.6	2.3	.0
27 OKLAHOMA	.4	.2	0.	.0	.0	.0	.0	.0	.1	0.	.0	.8	.0	.0	.1
28 PENN.	0.	0.	0.	0.	.8	2.9	0.	4.0	.1	0.	.4	0.	6.6	1.9	0.
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.1	0.	0.	0.	0.	.0	.4	0.
30 S CAROLINA	0.	0.	0.	0.	0.	.0	0.	.0	1.3	0.	0.	0.	0.	.0	1.6
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	1.6	.2	0.	0.	.0	.2	0.	.1	4.9	0.	.3	0.	.3	.1	2.7
33 TEXAS	1.0	.1	0.	.0	.0	.0	.1	.0	.1	0.	.0	1.1	.0	.0	.2
34 VIRGINIA	0.	0.	0.	0.	.0	.1	0.	.0	3.3	0.	.0	0.	.1	.0	.3
35 W VIRGINIA	0.	0.	0.	0.	.7	2.4	0.	3.1	.6	0.	1.1	0.	8.8	1.5	.1
36 WISCONSIN	.0	.3	0.	0.	.7	.2	0.	1.5	.1	0.	1.1	.0	.7	.4	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0	0.
39 ONTARIO	0.	.0	0.	0.	1.7	.0	0.	3.3	.0	.0	.2	0.	.2	.7	0.
40 QUEBEC	0.	0.	0.	0.	.5	.0	0.	.2	0.	0.	0.	0.	.0	.1	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON SO4)	13.9	14.0	.0	.2	15.0	14.5	.1	42.9	35.0	.2	35.0	3.6	45.4	16.4	19.5

TABLE B-5. ENAMAP-2S SULFATE DRY DEPOSITION FOR JANUARY 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO4 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	0.	2.1	.1	.7	.0	0.	0.	.0	0.	0.	0.
2 ARKANSAS	0.	.2	.2	.0	.0	.0	0.	.0	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.4	.1	0.	0.	.1	.0	0.	0.
5 FLORIDA	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	.6	0.	.5	.0	0.	0.	0.	0.	0.	0.
7 ILLINOIS	0.	6.4	.0	3.3	3.2	.3	0.	2.6	5.5	7.0	1.4
8 INDIANA	0.	2.2	0.	3.9	5.0	.0	0.	3.0	5.3	6.1	1.2
9 IOWA	.0	.3	.2	.2	.2	.9	0.	.5	2.1	2.4	.4
10 KANSAS	.0	.1	.1	.0	.0	.0	0.	.0	.0	.0	.0
11 KENTUCKY	0.	4.1	0.	4.4	5.0	0.	0.	1.2	.1	.3	.1
12 LOUISIANA	0.	.0	1.3	.0	.0	0.	0.	.0	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	1.4	0.	.1	.0
14 MICHIGAN	0.	.0	0.	.0	.2	.2	0.	4.9	14.4	16.8	2.6
15 MINNESOTA	.0	.1	.2	.1	.2	3.0	.0	1.0	5.4	4.8	.6
16 MISS.	0.	.1	.2	.0	.0	0.	0.	.0	0.	0.	0.
17 MISSOURI	0.	4.6	.4	1.6	1.7	.1	0.	1.2	.7	1.3	.3
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0
21 NEW JERSEY	0.	0.	0.	.0	.0	0.	0.	.6	.0	.0	.0
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	1.7	.4	1.1	.2
24 N CAROLINA	0.	.0	0.	1.0	.0	0.	0.	.0	0.	0.	0.
25 N DAKOTA	.2	.0	.0	.0	.0	.2	.0	.0	.2	.2	.0
26 OHIO	0.	.0	0.	1.5	5.2	0.	0.	3.3	1.1	2.4	.7
27 OKLAHOMA	0.	.2	.8	.0	.0	.0	0.	.0	.0	.0	0.
28 PENN.	0.	0.	0.	.8	.7	0.	0.	2.0	.2	.6	.1
29 RI/MA/CT	0.	0.	0.	.0	.0	0.	0.	.3	.0	0.	0.
30 S CAROLINA	0.	.0	0.	.1	.0	0.	0.	0.	0.	0.	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	0.	6.1	.1	2.5	1.0	0.	0.	.2	.0	.0	0.
33 TEXAS	0.	.1	8.8	.1	.0	.0	0.	.0	.0	0.	0.
34 VIRGINIA	0.	.0	0.	2.9	.2	0.	0.	.0	0.	0.	0.
35 W VIRGINIA	0.	.0	0.	3.3	3.7	0.	0.	1.6	.1	.1	0.
36 WISCONSIN	0.	.1	.0	.2	.3	1.7	0.	2.0	8.9	9.6	1.3
37 MANITOBA	.0	.0	0.	.0	.0	.1	.1	.1	.5	.3	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.8	.0	.4	.1
39 ONTARIO	0.	0.	0.	.0	.0	.1	.0	5.7	11.4	22.7	2.5
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	4.4	1.3	19.5	2.1
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON SO4)	.3	27.5	12.4	27.6	27.0	6.6	.1	38.6	57.8	95.9	13.7

Camera Setting: Same Size

TABLE B-6. ENAMAP-2S SULFATE WET DEPOSITION FOR JANUARY 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO4 WET DEPOSITIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	.0	.0	0.	.0	.2	.8	.0	.0	0.	0.	.0	.4	0.	C.	0.
2 ARKANSAS	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	C.	0.
3 COLORADO	C.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	C.	0.
4 DEL/MD/DC	C.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	C.	0.
5 FLORIDA	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	C.	0.
6 GEORGIA	.2	0.	0.	.0	.1	.1	0.	0.	0.	0.	0.	.0	0.	C.	0.
7 ILLINOIS	.0	.2	0.	.1	.0	.2	.3	.2	.0	.0	.3	.0	.0	.0	0.
8 INDIANA	.0	.0	0.	.0	.0	.0	.1	.3	0.	0.	.5	0.	.0	.0	0.
9 IOWA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
10 KANSAS	.1	.0	0.	.1	.0	.1	.0	.1	0.	0.	.0	.0	.0	.C	.0
11 KENTUCKY	.1	.0	0.	.1	.0	.1	.0	.1	0.	0.	.0	.0	.0	.C	0.
12 LOUISIANA	.1	.0	0.	.0	.0	.2	0.	0.	0.	0.	.9	.0	.0	C.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.5	C.	C.	0.
14 MICHIGAN	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
15 MINNESOTA	.0	.0	0.	.0	.0	.0	.0	.0	0.	0.	.0	0.	.0	.0	.0
16 MISS.	.1	.0	0.	.0	.0	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0
17 MISSOURI	.1	.3	0.	.0	.0	.1	.0	.0	0.	0.	.0	.2	.0	0.	0.
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	.0	.0	.C	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.	0.	0.	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0	0.
21 NEW JERSEY	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	C.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.
23 NEW YORK	C.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	C.	0.
24 N CAROLINA	.0	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	C.	0.
25 N DAKOTA	.0	.0	0.	.0	.0	.1	0.	0.	0.	0.	0.	0.	.0	.0	0.
26 OHIO	C.	0.	0.	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.	C.	0.
27 OKLAHOMA	.0	.0	.0	.0	.0	.0	.C	.0	0.	0.	.1	0.	.0	.0	.0
28 PENN.	C.	0.	0.	.2	0.	0.	.0	.0	.0	.0	.0	0.	.0	.C	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	.0	0.	.0	.C	0.
30 S CAROLINA	.0	0.	0.	.0	.1	.2	0.	0.	0.	0.	0.	0.	.0	C.	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.C	.C	.0	.0	.0	.0	0.	0.	C.	0.
32 TENNESSEE	.2	.0	0.	.0	.0	.C	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 TEXAS	.1	.1	.0	.0	.0	.3	.0	.0	0.	0.	.3	.1	.0	C.	0.
34 VIRGINIA	0.	0.	0.	.1	0.	.C	0.	.0	0.	0.	.0	.1	.0	0.	0.
35 W VIRGINIA	C.	0.	0.	.3	0.	0.	0.	0.	0.	0.	.0	0.	.0	C.	0.
36 WISCONSIN	0.	.0	0.	.0	.0	.0	.C	.0	0.	0.	.0	0.	.0	C.	0.
37 MANITOBA	0.	0.	0.	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
38 N BRUNS	C.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	.0	.C	.0
39 ONTARIO	0.	0.	0.	.0	0.	0.	.C	.0	0.	0.	0.	0.	.0	C.	0.
40 QUEBEC	C.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	.0	.0	.0
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.C	0.
TOTAL (KTON SO4)	1.8	.7	.0	1.1	.7	2.7	.7	.7	.1	.1	2.5	1.5	.2	.2	.0

TABLE B-6. ENAMAP-2S SULFATE WET DEPOSITION FOR JANUARY 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO4 WET DEPOSITIONS WITHIN RECEPTOR REGIONS															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	.7	.0	0.	0.	0.	.0	0.	0.	.2	0.	0.	0.	0.	0.	.3
2 ARKANSAS	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	.0	0.	.0	.0	.0
5 FLORIDA	.0	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	0.	.0	0.
6 GEORGIA	.0	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	.0	.0	0.
7 ILLINOIS	.1	.3	0.	0.	.0	.0	0.	0.	.2	0.	0.	0.	0.	0.	.0
8 INDIANA	.0	.0	0.	0.	.0	.0	0.	.0	.2	0.	0.	0.	0.	0.	.3
9 IOWA	.0	.0	0.	0.	.0	.0	0.	.1	.2	0.	.2	.0	.1	.0	.1
10 KANSAS	.0	.0	0.	.0	.0	.0	0.	.0	.0	0.	.3	0.	.1	.1	.0
11 KENTUCKY	.0	.0	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
12 LOUISIANA	.2	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	.0	0.	.0	.3	0.	.1	0.	.1	.1	.1
14 MICHIGAN	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	0.	.0	.0	.0	.0
15 MINNESOTA	0.	.0	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	0.	.0	0.
16 MISS.	.0	.0	0.	.0	.0	.0	0.	.1	0.	0.	.1	0.	.0	.1	0.
17 MISSOURI	.2	.0	0.	0.	0.	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
18 MONTANA	.1	.4	0.	.0	.0	.0	0.	.0	.0	0.	0.	.0	.0	.0	.0
19 NEBRASKA	0.	0.	0.	0.	0.	.0	0.	.0	.0	0.	.1	.1	.0	.0	.0
20 NH/VT	.0	.0	0.	.0	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0
21 NEW JERSEY	0.	0.	0.	0.	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	0.
22 NEW MEXICO	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.0	.0
23 NEW YORK	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.0	0.
24 N CAROLINA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.
25 N DAKOTA	0.	0.	0.	0.	.0	.1	0.	.1	0.	0.	.0	0.	0.	0.	0.
26 OHIO	.0	.0	.0	.0	.0	.0	0.	.0	.5	0.	0.	0.	.1	.2	0.
27 OKLAHOMA	0.	0.	0.	0.	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.1
28 PENN.	.0	.0	0.	.0	.0	.1	0.	.0	.0	0.	.0	.0	.0	.0	.0
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.1	.0	0.	.3	0.	.3	.1	0.
30 S CAROLINA	0.	0.	0.	0.	.0	.1	0.	.0	.0	0.	.0	.0	.0	.0	.0
31 S DAKOTA	0.	0.	0.	0.	.0	.0	0.	.1	.0	0.	.1	0.	.2	.1	0.
32 TENNESSEE	.0	.0	0.	.0	0.	.0	0.	.0	0.	0.	0.	0.	.0	.0	0.
33 TEXAS	.1	.0	0.	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
34 VIRGINIA	.1	.0	0.	.0	.0	.0	0.	.0	.3	0.	.0	.0	.0	.0	.0
35 W VIRGINIA	0.	0.	0.	0.	.0	.0	.0	.0	.0	0.	.0	0.	.3	.0	.2
36 WISCONSIN	0.	0.	0.	0.	.0	.0	0.	.0	.2	0.	.0	.0	.0	.0	.0
37 MANITOBA	.0	.0	0.	0.	.0	.1	0.	.1	.0	0.	.0	0.	.0	.0	.0
38 N BRUNS	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.1	0.	.4	.1	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	0.	.0	.0	.0	.0	0.	.0	.0	.0
40 QUEBEC	0.	.0	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	.0	.0	.0
41 NEWFOUND	0.	0.	0.	0.	.0	.0	0.	.0	0.	.0	.0	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	0.	.0	.1	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.
TOTAL (KTON SO4)	1.6	.8	.0	.0	.3	.7	.0	.6	2.2	.0	1.3	.2	1.5	.5	1.4

TABLE B-6. ENAMAP-2S SULFATE WET DEPOSITION FOR JANUARY 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO4 WET DEPOSITIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	0.	.2	.0	.0	.0	0.	0.	0.	0.	0.	0.
2 ARKANSAS	0.	.0	.0	.0	.0	0.	0.	.0	0.	0.	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.0	.0	0.	0.	0.	0.	0.	0.
5 FLORIDA	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	.1	0.	.0	.0	0.	0.	0.	0.	0.	0.
7 ILLINOIS	0.	.3	.0	.2	.2	.0	0.	.0	.1	0.	0.
8 INDIANA	0.	.2	0.	.2	.2	.0	0.	.0	.0	0.	0.
9 IOWA	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
10 KANSAS	0.	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
11 KENTUCKY	0.	.3	0.	.2	.3	0.	0.	.0	.0	0.	0.
12 LOUISIANA	0.	.0	.3	.0	.0	0.	0.	.0	.0	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
14 MICHIGAN	0.	0.	0.	.0	.0	.0	0.	.0	.1	0.	0.
15 MINNESOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
16 MISS.	0.	.0	.1	.0	.0	0.	0.	.0	.0	0.	0.
17 MISSOURI	0.	.2	.0	.1	.1	.0	0.	.0	0.	0.	0.
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	0.	0.	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	0.
21 NEW JERSEY	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24 N CAROLINA	0.	.0	0.	.0	.0	0.	0.	.0	.0	0.	0.
25 N DAKOTA	.0	.0	.0	.1	.0	0.	0.	0.	0.	0.	0.
26 OHIO	0.	.0	0.	.1	.3	0.	0.	.0	.0	0.	0.
27 OKLAHOMA	0.	.0	.0	.0	.0	0.	0.	.0	.0	0.	0.
28 PENN.	0.	0.	0.	.1	.0	0.	0.	.0	.0	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	.0	0.	0.	.0	.0	0.	0.
30 S CAROLINA	0.	.0	0.	.0	.0	0.	0.	.0	0.	0.	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.0	0.	0.	0.	0.	0.
32 TENNESSEE	0.	.5	.0	.2	.1	0.	0.	.0	.0	0.	0.
33 TEXAS	0.	.0	.5	.0	.0	0.	0.	.0	0.	0.	0.
34 VIRGINIA	0.	.0	0.	.3	.0	0.	0.	.0	0.	0.	0.
35 W VIRGINIA	0.	.0	0.	.3	.3	0.	0.	.0	0.	0.	0.
36 WISCONSIN	0.	.0	.0	.0	.0	.0	0.	.0	.1	0.	0.
37 MANITOBA	.0	0.	0.	.0	.0	.0	.0	.0	.0	0.	0.
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
39 ONTARIO	0.	0.	0.	.0	.0	.0	0.	.0	.0	0.	0.
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON SO4)	.0	1.8	1.1	1.8	1.6	.1	.0	.3	.4	0.	0.

TABLE B-7. ENAMAP-2S SO_2 CONCENTRATION FOR AUGUST 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO2 CONCENTRATIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	13.4	.6	.0	.0	3.5	.8	.1	.2	.0	.0	.7	2.1	.0	.0	0.
2 ARKANSAS	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	.0	6.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	0.
5 FLORIDA	.3	.0	0.	.0	2.0	.2	.0	.0	.0	.0	.0	.0	.0	0.	0.
6 GEORGIA	3.7	.0	.0	.0	.6	5.4	.0	.0	.0	.0	.0	.2	0.	0.	0.
7 ILLINOIS	.0	.8	0.	.1	0.	.0	16.6	7.2	.6	.0	2.2	.1	.1	1.5	.0
8 INDIANA	.1	.1	0.	.1	.0	.0	1.5	18.2	.0	.0	6.8	.0	.2	2.0	0.
9 IOWA	.0	.0	.0	.0	0.	0.	.3	.1	2.1	.0	.0	.0	.0	.1	.2
10 KANSAS	0.	.0	.0	0.	0.	0.	.0	.0	.1	.1	0.	.0	.0	.0	.0
11 KENTUCKY	.3	.1	0.	.2	.0	.0	.2	3.4	.0	.0	15.7	.1	.1	.1	0.
12 LOUISIANA	.1	.3	.0	.0	.1	.0	.0	.0	.0	.0	.0	4.6	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0	0.	0.
14 MICHIGAN	.0	0.	0.	.0	0.	0.	.1	.6	.0	0.	.1	0.	.5	7.2	.0
15 MINNESOTA	0.	.0	0.	.0	0.	0.	.1	.0	.3	.0	.0	0.	.0	.4	1.4
16 MISS.	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	0.
17 MISSOURI	.0	.5	.0	.0	.0	.0	3.8	1.0	.6	.8	.2	.0	.0	.1	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	0.	0.	.0	.0	.1	.0	.0	0.	.0	.0	.0
21 NEW JERSEY	0.	0.	0.	.3	.0	.0	0.	0.	0.	0.	0.	0.	.9	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
23 NEW YORK	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24 N CAROLINA	.1	.0	.0	.2	.0	.4	.0	.0	.0	.0	.1	.0	.0	.0	0.
25 N DAKOTA	0.	0.	.0	0.	0.	0.	.0	.0	.0	.0	0.	0.	.0	.0	.0
26 OHIO	.0	0.	0.	2.2	0.	.0	.0	.3	0.	0.	2.3	0.	.5	.0	0.
27 OKLAHOMA	0.	.0	.0	0.	0.	0.	.0	.0	.0	.2	.0	.0	.0	.0	.0
28 PENN.	.0	0.	0.	7.9	.0	.0	0.	0.	0.	0.	0.	.0	.6	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
30 S CAROLINA	.2	.0	.0	.0	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	0.
31 S DAKOTA	0.	0.	.0	0.	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0
32 TENNESSEE	.5	.9	.0	.1	.0	.2	.2	.5	.0	.0	3.1	.2	.0	.0	0.
33 TEXAS	.0	.1	.1	0.	.0	.0	.0	.0	.0	.1	.0	.2	.0	.0	.0
34 VIRGINIA	.0	.0	0.	2.7	.0	.1	.0	.0	.0	.0	.1	.0	.0	0.	0.
35 W VIRGINIA	.0	.0	0.	3.9	.0	.0	.0	.0	0.	0.	.4	.0	.4	0.	0.
36 WISCONSIN	.0	.0	0.	.0	0.	0.	.5	.4	.2	0.	.0	0.	.0	2.1	.1
37 MANITOBA	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	.0	.0	.1
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	0.	0.	.0	0.	.7	.6	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.6	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL SO2 UG/M3	18.9	4.2	.1	23.9	6.3	8.3	23.3	32.0	3.9	1.3	32.1	8.5	8.6	14.2	1.8

TABLE B-7. ENAMAP-2S SO_2 CONCENTRATION FOR AUGUST 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO2 CONCENTRATIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	10.2	.1	0.	.0	.0	.0	.0	.0	.1	0.	.1	.0	.0	.0	.0
2 ARKANSAS	.0	.1	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	0.	0.	.0	.0	1.7	.0	.1	.2	0.	.0	.0	.5	.2	.0
5 FLORIDA	.2	.0	0.	0.	0.	.0	.0	.0	.0	0.	.0	.0	.0	0.	.0
6 GEORGIA	.5	.0	0.	.0	.0	.0	.0	.0	.2	0.	.1	.0	.0	.0	.4
7 ILLINOIS	.2	2.8	0.	.0	.1	.0	0.	.2	.0	0.	1.6	.0	.1	.0	.0
8 INDIANA	.3	.1	0.	0.	.3	.1	0.	.7	.0	0.	8.1	.0	1.0	.2	.0
9 IOWA	.0	.1	0.	.0	.0	.0	0.	.0	0.	.0	.0	.0	.0	.0	0.
10 KANSAS	.0	.1	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	0.	0.
11 KENTUCKY	.6	.0	0.	0.	.1	.2	0.	.3	.1	0.	6.7	.0	.9	.2	.0
12 LOUISIANA	.4	.0	0.	.0	.0	0.	.0	.0	0.	0.	.0	.1	.0	.0	.0
13 MAINE	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	.0	.0	0.	0.	.7	.1	0.	1.6	.0	0.	4.2	0.	1.0	.2	0.
15 MINNESOTA	0.	.0	0.	.0	.0	.0	0.	.0	0.	.0	.0	0.	.0	.0	0.
16 MISS.	1.4	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
17 MISSOURI	.0	7.4	0.	.0	.0	.0	.0	.0	.0	0.	.2	.2	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	.0	0.	0.	.0	.0	0.	.0	.0	.0	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	1.8	.0	0.	.0	0.	0.	0.	0.	0.	2.6	0.
21 NEW JERSEY	0.	0.	0.	.0	.0	7.9	0.	.4	.0	0.	0.	0.	.2	1.0	.0
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	2.9	7.0	0.	4.9	.0	0.	0.	0.	.5	9.0	.0
24 N CAROLINA	.0	.0	0.	.0	.0	.0	.0	.0	5.7	0.	.0	.0	.0	.0	2.0
25 N DAKOTA	0.	.0	.1	.0	0.	0.	0.	.0	0.	.2	.0	0.	.0	0.	0.
26 OHIO	.0	0.	0.	0.	1.1	1.4	0.	3.6	.1	0.	15.5	0.	9.1	1.2	.0
27 OKLAHOMA	.0	.2	0.	.0	.0	0.	.0	.0	0.	.0	.0	.6	.0	.0	0.
28 PENN.	.0	0.	0.	0.	1.7	7.5	0.	4.0	.1	0.	.4	0.	17.9	4.2	.0
29 RI/MA/CT	0.	0.	0.	0.	.1	.0	0.	.0	.0	0.	0.	0.	0.	2.3	.0
30 S CAROLINA	.1	.0	0.	.0	.0	.0	.0	.0	.7	0.	.0	.0	.0	.0	4.8
31 S DAKOTA	0.	.0	.0	.0	0.	0.	0.	.0	0.	.0	.0	0.	0.	0.	0.
32 TENNESSEE	1.5	.1	0.	.0	.0	.0	.0	.0	.4	0.	.2	.0	.0	.0	.0
33 TEXAS	.0	.0	0.	.0	.0	0.	.7	.0	0.	.0	.0	.5	.0	0.	0.
34 VIRGINIA	.0	.0	0.	.0	.0	.5	0.	.0	2.1	0.	.0	.0	.2	.1	.2
35 W VIRGINIA	.0	.0	0.	0.	.8	2.7	0.	2.4	.2	0.	3.4	0.	12.3	1.5	.0
36 WISCONSIN	.0	.0	0.	0.	.0	.0	0.	.1	0.	0.	.2	0.	.1	.0	0.
37 MANITOBA	0.	0.	0.	0.	.0	0.	0.	.0	0.	.0	0.	0.	0.	0.	0.
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39 ONTARIO	0.	0.	0.	0.	1.0	.1	0.	2.0	.0	.0	.2	0.	.4	.2	0.
40 QUEBEC	0.	0.	0.	0.	1.2	0.	0.	.3	0.	0.	0.	0.	0.	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL SO2 UG/M3	15.4	11.2	.1	.1	12.0	29.1	.7	20.5	9.7	.3	40.9	1.4	44.2	22.9	7.5

TABLE B-7. ENAMAP-2S SO_2 CONCENTRATION FOR AUGUST 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO2 CONCENTRATIONS WITHIN RECEPTOR REGIONS										
	31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	.0	3.3	.2	.1	.0	.0	0.	.0	.0	.0	0.
2 ARKANSAS	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	.0	.0	1.2	.1	0.	0.	.0	0.	0.	0.
5 FLORIDA	0.	.0	.0	.0	.0	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	1.7	.0	.1	.1	0.	0.	.0	.0	.0	0.
7 ILLINOIS	0.	1.5	.0	.1	.2	.7	0.	.0	.2	.1	.0
8 INDIANA	0.	1.2	.0	.1	.8	.1	0.	.1	.3	.1	.0
9 IOWA	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0
10 KANSAS	.0	.0	.0	0.	0.	.0	0.	.0	.0	.0	.0
11 KENTUCKY	0.	4.2	.0	.5	2.3	.0	0.	.0	.1	.0	.0
12 LOUISIANA	.0	.0	.5	0.	.0	.0	0.	.0	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.8	0.	.0	.0
14 MICHIGAN	0.	.0	0.	.0	.2	.1	0.	.2	1.9	.4	.0
15 MINNESOTA	.0	.0	0.	0.	.0	2.7	.0	.0	.1	.0	.0
16 MISS.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	0.
17 MISSOURI	.0	.1	.0	.0	.0	.1	0.	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.2	0.	.0	.0
21 NEW JERSEY	0.	0.	.1	.0	0.	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	.4	.2	.1	.0
24 N CAROLINA	0.	.4	.0	1.4	.0	0.	0.	.0	.0	.0	0.
25 N DAKOTA	.2	0.	0.	0.	0.	.0	.0	.0	.0	.0	.0
26 OHIO	0.	.2	0.	.5	11.5	0.	0.	.2	.3	.1	.0
27 OKLAHOMA	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0
28 PENN.	0.	0.	.0	1.0	3.1	0.	0.	.2	.1	.0	.0
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	.1	0.	.0	0.
30 S CAROLINA	0.	.0	.0	.1	.0	0.	0.	.0	.0	.0	0.
31 S DAKOTA	.0	0.	0.	0.	0.	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	7.8	.0	.5	.3	.0	0.	.0	.0	.0	.0
33 TEXAS	.0	.0	1.5	0.	.0	.0	0.	.0	.0	.0	.0
34 VIRGINIA	0.	.2	.0	7.5	.9	0.	0.	.0	.0	.0	0.
35 W VIRGINIA	0.	.1	0.	2.0	16.9	0.	0.	.2	.0	.0	0.
36 WISCONSIN	0.	.0	0.	.0	.0	4.1	0.	.0	.3	.1	.0
37 MANITOBA	.0	0.	0.	0.	0.	.0	.1	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	1.6	0.	.1	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	.3	2.5	1.2	.2
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.9	.2	2.7	.3
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL SO2 UG/M3	.3	20.6	2.3	15.0	36.5	8.6	.1	5.4	6.3	4.9	.6

TABLE B-8. ENAMAP-2S SO_2 DRY DEPOSITION FOR AUGUST 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO2 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	9.0	.3	.0	.0	2.2	.7	.1	.1	.0	.0	.4	1.9	.0	.0	0.
2 ARKANSAS	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	.0	1.4	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	0.
5 FLORIDA	.2	.0	0.	.0	1.4	.2	.0	.0	.0	.0	.0	.1	0.	0.	0.
6 GEORGIA	2.3	.0	.0	.0	.3	5.2	.0	.0	.0	.0	.2	.1	.0	.0	0.
7 ILLINOIS	.0	.6	0.	.0	0.	.0	13.9	3.5	.7	.0	1.4	.1	.0	1.6	.0
8 INDIANA	.1	.0	0.	.0	.0	.0	1.0	8.9	.0	.0	4.1	.0	.1	1.9	0.
9 IOWA	.0	.0	.0	.0	0.	0.	.2	.0	2.2	.0	.0	.0	.0	.1	.3
10 KANSAS	0.	.0	.0	0.	0.	0.	.0	.0	.1	.2	0.	.0	.0	.0	.0
11 KENTUCKY	.2	.0	0.	.1	.0	.0	.1	1.9	.0	.0	9.7	.0	.0	.1	0.
12 LOUISIANA	.1	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	4.0	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.3	0.	0.
14 MICHIGAN	.0	0.	0.	.0	0.	0.	.0	.3	.0	0.	.0	0.	.3	6.9	.0
15 MINNESOTA	0.	.0	0.	.0	0.	0.	.0	.0	.3	.0	0.	0.	.0	.4	2.0
16 MISS.	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	0.
17 MISSOURI	.0	.4	.0	.0	.0	.0	2.9	.5	.7	1.1	.1	.0	.0	.1	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	0.	0.	0.	.0	.0	.1	.0	.0	0.	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.
21 NEW JERSEY	0.	0.	0.	.1	.0	.0	0.	0.	0.	0.	0.	0.	.0	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.6	0.	0.
24 N CAROLINA	.1	.0	.0	.0	.0	.4	.0	.0	.0	.0	.1	.0	.0	.0	0.
25 N DAKOTA	0.	0.	.0	0.	0.	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 OHIO	.0	0.	0.	.6	0.	.0	.0	.1	0.	0.	.9	0.	.3	.0	0.
27 OKLAHOMA	0.	.0	.0	0.	0.	0.	.0	.0	.0	.3	.0	.0	.0	.0	.0
28 PENN.	.0	0.	0.	1.9	.0	.0	0.	0.	0.	0.	0.	.0	.3	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
30 S CAROLINA	.1	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
31 S DAKOTA	0.	0.	.0	0.	0.	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.3	.5	.0	.0	.0	.2	.1	.3	.0	.0	1.8	.1	.0	.0	0.
33 TEXAS	.0	.1	.0	0.	.0	.0	.0	.0	.0	.2	.0	.2	.0	.0	.0
34 VIRGINIA	.0	.0	0.	.5	.0	.1	.0	.0	.0	.0	.1	.0	.0	0.	0.
35 W VIRGINIA	.0	.0	0.	1.0	.0	.0	.0	.0	0.	0.	.2	.0	.2	0.	0.
36 WISCONSIN	.0	.0	0.	.0	0.	0.	.4	.2	.2	0.	.0	0.	.0	2.0	.1
37 MANITOBA	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	.0	.0	.1
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	0.	0.	.0	0.	.4	.4	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON SO2)	12.4	3.0	.0	5.6	4.0	7.9	18.8	15.8	4.3	1.9	18.8	7.4	5.2	13.5	2.6

TABLE B-8. ENAMAP-2S SO_2 DRY DEPOSITION FOR AUGUST 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO2 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	6.9	.1	0.	.0	.0	.0	.0	.0	.1	0.	.1	.0	.0	.0	.0
2 ARKANSAS	.0	.1	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	0.	0.	.0	.0	.2	.0	.0	.1	0.	.0	.0	.2	.0	.0
5 FLORIDA	.1	.0	0.	0.	0.	.0	.0	.0	.0	0.	.0	.0	.0	0.	.0
6 GEORGIA	.4	.0	0.	.0	.0	.0	.0	.0	.2	0.	.0	.0	.0	.0	.2
7 ILLINOIS	.2	2.8	0.	.0	.0	.0	0.	.2	.0	0.	1.1	.0	.1	.0	.0
8 INDIANA	.1	.1	0.	0.	.1	.0	0.	.5	.0	0.	5.5	.0	.6	.1	.0
9 IOWA	.0	.1	0.	.0	.0	.0	0.	.0	0.	.0	.0	.0	.0	.0	0.
10 KANSAS	.0	.1	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	0.	0.
11 KENTUCKY	.4	.0	0.	0.	.0	.0	0.	.2	.1	0.	4.9	.0	.6	.0	.0
12 LOUISIANA	.4	.0	0.	.0	.0	0.	.0	.0	0.	0.	.0	.1	.0	.0	.0
13 MAINE	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	.0	.0	0.	0.	.2	.0	0.	1.1	.0	0.	3.2	0.	.5	.0	0.
15 MINNESOTA	0.	.0	0.	.0	.0	.0	0.	.0	0.	.0	.0	0.	.0	.0	0.
16 MISS.	1.1	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
17 MISSOURI	.0	6.5	0.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	.1	0.	0.	.0	.0	0.	.0	.0	.0	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	.6	.0	0.	.0	0.	0.	0.	0.	0.	.6	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	1.2	0.	.2	.0	0.	0.	0.	.1	.2	.0
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	.9	.6	0.	3.0	.0	0.	0.	0.	.3	1.6	.0
24 N CAROLINA	.0	.0	0.	.0	.0	.0	.0	.0	5.7	0.	.0	.0	.0	.0	1.0
25 N DAKOTA	0.	.0	.0	.0	0.	0.	0.	.0	0.	.2	.0	0.	.0	0.	0.
26 OHIO	.0	0.	0.	0.	.3	.2	0.	2.7	.1	0.	10.3	0.	5.4	.3	.0
27 OKLAHOMA	.0	.2	0.	.0	.0	0.	.0	.0	0.	.0	.0	.7	.0	.0	0.
28 PENN.	.0	0.	0.	0.	.5	.8	0.	2.6	.1	0.	.3	0.	11.2	.9	.0
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	0.	0.	0.	.4	.0
30 S CAROLINA	.0	.0	0.	.0	.0	.0	.0	.0	.6	0.	.0	.0	.0	.0	2.8
31 S DAKOTA	0.	.0	.0	.0	0.	0.	0.	.0	0.	.0	.0	0.	0.	0.	0.
32 TENNESSEE	1.1	.1	0.	.0	.0	.0	.0	.0	.4	0.	.2	.0	.0	.0	.0
33 TEXAS	.0	.0	0.	.0	.0	0.	.2	.0	0.	.0	.0	.6	.0	0.	0.
34 VIRGINIA	.0	.0	0.	.0	.0	.1	0.	.0	2.0	0.	.0	.0	.1	.0	.1
35 W VIRGINIA	.0	.0	0.	0.	.3	.3	0.	1.6	.2	0.	2.8	0.	6.8	.4	.0
36 WISCONSIN	.0	.0	0.	0.	.0	.0	0.	.0	0.	0.	.1	0.	.0	.0	0.
37 MANITOBA	0.	0.	0.	0.	.0	0.	0.	.0	0.	.0	0.	0.	0.	0.	0.
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39 ONTARIO	0.	0.	0.	0.	.3	.0	0.	1.6	.0	.0	.1	0.	.2	.0	0.
40 QUEBEC	0.	0.	0.	0.	.4	0.	0.	.2	0.	0.	0.	0.	0.	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON SO2)	10.9	10.1	.0	.2	3.8	3.4	.2	14.0	9.5	.3	28.6	1.7	26.1	4.6	4.1

TABLE B-8. ENAMAP-2S SO_2 DRY DEPOSITION FOR AUGUST 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO2 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS										
	31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	.0	1.9	.5	.1	.0	.0	0.	.0	.0	.0	0.
2 ARKANSAS	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	.0	.0	.7	.0	0.	0.	.0	0.	0.	0.
5 FLORIDA	0.	.0	.0	.0	.0	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	1.1	.1	.0	.0	0.	0.	.0	.0	.0	0.
7 ILLINOIS	0.	1.0	.0	.0	.1	.5	0.	.0	1.6	.5	.0
8 INDIANA	0.	.7	.0	.0	.3	.1	0.	.1	2.6	.6	.0
9 IOWA	.0	.0	.0	.0	.0	.7	.0	.0	.2	.0	.0
10 KANSAS	.0	.0	.0	0.	0.	.0	0.	.0	.0	.0	.0
11 KENTUCKY	0.	2.6	.0	.3	1.2	.0	0.	.0	.8	.2	.0
12 LOUISIANA	.0	.0	1.5	0.	.0	.0	0.	.0	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.6	0.	.0	.0
14 MICHIGAN	0.	.0	0.	.0	.1	.1	0.	.2	15.2	1.8	.0
15 MINNESOTA	.0	.0	0.	0.	.0	2.5	.0	.0	1.0	.1	.0
16 MISS.	.0	.0	.2	.0	.0	.0	0.	.0	.0	.0	0.
17 MISSOURI	.0	.1	.0	.0	.0	.2	0.	.0	.2	.1	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.2	0.	.0	.0
21 NEW JERSEY	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	.3	1.4	.5	.0
24 N CAROLINA	0.	.3	.0	.8	.0	0.	0.	.0	.0	.0	0.
25 N DAKOTA	.2	0.	0.	0.	0.	.0	.0	.0	.0	.0	.0
26 OHIO	0.	.1	0.	.4	5.1	0.	0.	.2	2.2	.4	.0
27 OKLAHOMA	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0
28 PENN.	0.	0.	.0	.6	1.7	0.	0.	.2	.6	.1	.0
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	.1	0.	.0	0.
30 S CAROLINA	0.	.0	.0	.0	.0	0.	0.	.0	.0	.0	0.
31 S DAKOTA	.0	0.	0.	0.	0.	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	5.2	.1	.3	.2	.0	0.	.0	.0	.0	.0
33 TEXAS	.0	.0	5.4	0.	.0	.0	0.	.0	.1	.0	.0
34 VIRGINIA	0.	.1	.0	5.2	.4	0.	0.	.0	.0	.0	0.
35 W VIRGINIA	0.	.1	0.	1.3	8.7	0.	0.	.1	.1	.1	0.
36 WISCONSIN	0.	.0	0.	.0	.0	4.1	0.	.0	2.2	.4	.0
37 MANITOBA	.0	0.	0.	0.	0.	.0	.2	.0	.1	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	1.6	0.	.3	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	.3	18.2	6.0	.2
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.7	1.7	13.7	.4
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON SO2)	.3	13.2	7.9	9.9	17.8	8.2	.3	4.7	48.3	24.9	.7

TABLE B-9. ENAMAP-2S SO_2 WET DEPOSITION FOR AUGUST 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO2 WET DEPOSITIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	13.4	.5	.0	.0	.7	1.4	.1	.4	.0	.0	1.5	.9	.0	.1	0.
2 ARKANSAS	.0	.6	.0	.0	0.	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	0.	0.	4.5	.0	.0	0.	0.	0.	0.	.0	.0	.0	0.	0.
5 FLORIDA	.2	.0	0.	.0	1.2	.4	.0	.0	.0	.0	.0	.1	0.	0.	0.
6 GEORGIA	2.3	.0	.0	.0	.2	10.5	.0	.0	.0	.0	.3	.1	.0	.0	0.
7 ILLINOIS	.0	.0	0.	.0	0.	.0	31.4	7.4	2.7	.0	1.5	.0	.1	1.4	.0
8 INDIANA	.0	.0	0.	.0	0.	.0	1.9	22.3	.0	0.	4.8	0.	.1	2.6	0.
9 IOWA	0.	.0	.0	0.	0.	0.	.3	.0	3.4	.0	.0	0.	.0	.1	.5
10 KANSAS	0.	.0	.0	0.	0.	0.	.0	.0	.2	.4	0.	.0	.0	.0	.0
11 KENTUCKY	.0	.0	0.	.2	0.	.0	.0	5.3	.0	0.	22.4	.0	.0	.0	0.
12 LOUISIANA	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.0	0.	0.
14 MICHIGAN	0.	0.	0.	.0	0.	0.	.1	.1	.0	0.	.0	0.	.5	8.0	.0
15 MINNESOTA	0.	0.	0.	0.	0.	0.	.0	.0	.2	.0	.0	0.	.0	.2	2.0
16 MISS.	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	0.
17 MISSOURI	.0	.0	.0	.0	0.	.0	8.3	.7	2.0	1.8	.1	.0	.0	.1	.1
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	0.	0.	0.	.0	.0	.1	.0	0.	0.	0.	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.6	0.	0.
21 NEW JERSEY	0.	0.	0.	.1	0.	.0	0.	0.	0.	0.	0.	0.	.0	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	1.3	0.	0.
24 N CAROLINA	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.1	.0	.0	0.	0.
25 N DAKOTA	0.	0.	.0	0.	0.	0.	.0	.0	.0	.0	0.	0.	0.	.0	.0
26 OHIO	.0	0.	0.	.9	0.	.0	0.	.1	0.	0.	1.2	0.	.5	.0	0.
27 OKLAHOMA	0.	.0	.0	0.	0.	0.	.1	.0	.1	.5	0.	.0	.0	.0	.0
28 PENN.	0.	0.	0.	3.3	0.	.0	0.	0.	0.	0.	0.	.0	.6	0.	0.
29 RI/MA/CT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
30 S CAROLINA	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	0.	0.
31 S DAKOTA	0.	0.	.0	0.	0.	0.	.0	.0	.0	.0	0.	0.	0.	.0	.0
32 TENNESSEE	.1	.4	.0	.1	.0	.1	.3	1.0	.0	.0	5.4	.0	.0	.0	0.
33 TEXAS	.0	.1	.0	0.	.0	.0	.0	.0	.1	.3	.0	.2	.0	.0	.0
34 VIRGINIA	.0	.0	0.	1.7	.0	.0	0.	.0	.0	0.	.1	.0	.0	0.	0.
35 W VIRGINIA	.0	0.	0.	2.4	0.	.0	0.	.0	0.	0.	.3	.0	.4	0.	0.
36 WISCONSIN	.0	.0	0.	.0	0.	0.	.5	.1	.4	0.	.0	0.	.0	1.5	.1
37 MANITOBA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	0.	.0	0.	0.	.0	0.	.7	1.6	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON SO2)	16.1	2.0	.0	13.4	2.1	13.6	43.3	37.6	9.3	2.9	37.8	7.0	12.6	15.6	2.7

TABLE B-9. ENAMAP-2S SO_2 WET DEPOSITION FOR AUGUST 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO2 WET DEPOSITIONS WITHIN RECEPTOR REGIONS														
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	4.6	.1	0.	.0	.0	.0	.0	.0	.1	0.	.3	.0	.0	.0	.0
2 ARKANSAS	.0	.2	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	0.	.0	.6	0.	.1	.0	0.	.0	0.	.8	.2	.0
5 FLORIDA	.1	.0	0.	0.	0.	0.	.0	0.	.0	0.	.0	.0	.0	0.	.0
6 GEORGIA	.1	.0	0.	.0	.0	.0	.0	.0	.7	0.	.2	.0	.0	.0	.6
7 ILLINOIS	.0	2.1	0.	0.	.0	.0	0.	.2	.0	0.	1.3	.0	.1	.0	.0
8 INDIANA	.0	.1	0.	0.	.1	.0	0.	.6	.0	0.	11.1	0.	1.3	.1	0.
9 IOWA	.0	.0	0.	.1	.0	0.	0.	.0	0.	.0	.0	.0	.0	.0	0.
10 KANSAS	0.	.2	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	0.	0.
11 KENTUCKY	.0	.0	0.	0.	.0	.0	0.	.6	.1	0.	13.9	0.	1.2	.1	.0
12 LOUISIANA	.2	.1	0.	.0	.0	0.	.0	.0	0.	0.	.0	.1	.0	.0	0.
13 MAINE	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	.0	.0	0.	0.	.4	.0	0.	1.3	.0	0.	3.3	0.	.8	.0	0.
15 MINNESOTA	0.	.0	0.	.0	.0	.0	0.	.0	0.	.0	.0	0.	.0	.0	0.
16 MISS.	.9	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17 MISSOURI	.0	12.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	0.
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	0.	.0	0.	0.	.0	0.	0.	.0	.0	.0	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	2.2	.0	0.	.1	0.	0.	0.	0.	0.	1.2	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	4.5	0.	.8	.0	0.	0.	0.	.5	.6	.0
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	2.1	2.0	0.	7.8	.0	0.	0.	0.	.5	4.9	.0
24 N CAROLINA	.0	.0	0.	.0	.0	.0	0.	.0	8.1	0.	.0	.0	.0	.0	.7
25 N DAKOTA	0.	.0	.0	.0	0.	0.	0.	.0	0.	.2	0.	0.	0.	0.	0.
26 OHIO	.0	0.	0.	0.	.5	.4	0.	5.3	.0	0.	19.8	0.	10.1	.5	.0
27 OKLAHOMA	0.	.3	0.	.0	.0	0.	.0	.0	0.	.0	.0	1.1	.0	.0	0.
28 PENN.	0.	0.	0.	0.	1.1	2.0	0.	6.1	.0	0.	.5	0.	28.7	2.3	.0
29 RI/MA/CT	0.	0.	0.	0.	.1	.0	0.	.1	.0	0.	0.	0.	0.	1.9	0.
30 S CAROLINA	.0	.0	0.	.0	0.	.0	.0	.0	1.3	0.	.0	.0	.0	.0	4.6
31 S DAKOTA	0.	.0	0.	.0	0.	0.	0.	.0	0.	.0	.0	0.	0.	0.	0.
32 TENNESSEE	.6	.1	0.	.0	.0	.0	0.	.0	.8	0.	.6	.0	.1	.0	.0
33 TEXAS	.0	.1	0.	.0	.0	0.	.1	.0	0.	0.	.0	.5	.0	0.	0.
34 VIRGINIA	.0	.0	0.	.0	.0	.2	0.	.1	1.6	0.	.0	0.	.3	.1	.0
35 W VIRGINIA	.0	0.	0.	0.	.4	.4	0.	3.5	.0	0.	5.4	0.	17.4	.7	.0
36 WISCONSIN	.0	.0	0.	0.	.0	.0	0.	.0	0.	0.	.0	0.	.0	.0	0.
37 MANITOBA	0.	0.	0.	0.	0.	0.	0.	.0	0.	.0	0.	0.	0.	0.	0.
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39 ONTARIO	0.	0.	0.	0.	.7	.0	0.	1.5	0.	.0	.0	0.	.1	.0	0.
40 QUEBEC	0.	0.	0.	0.	.3	0.	0.	.2	0.	0.	0.	0.	0.	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON SO2)	6.3	15.4	.0	.2	8.5	10.2	.1	28.2	12.9	.2	56.7	1.9	62.0	12.6	6.0

TABLE B-9. ENAMAP-2S SO_2 WET DEPOSITION FOR AUGUST 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO2 WET DEPOSITIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	.0	4.9	.7	.2	.1	.0	0.	.0	.1	.0	0.
2 ARKANSAS	.0	.1	.0	0.	.0	.0	0.	0.	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	.0	.0	1.2	.2	0.	0.	.0	0.	0.	0.
5 FLORIDA	0.	.0	.0	.0	.0	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	2.0	.1	.2	.3	0.	0.	.0	.0	.0	0.
7 ILLINOIS	0.	.4	.0	.0	.0	2.4	0.	.0	1.0	.0	.0
8 INDIANA	0.	.1	0.	.0	.3	.3	0.	.0	2.4	.2	0.
9 IOWA	.0	.0	.0	0.	.0	1.3	0.	.0	.1	.0	.0
10 KANSAS	.0	0.	.0	0.	0.	.0	0.	.0	.0	.0	.0
11 KENTUCKY	0.	1.8	.0	.6	1.7	.0	0.	.0	.8	.1	0.
12 LOUISIANA	.0	.0	1.7	0.	.0	.0	0.	.0	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.6	0.	.0	0.
14 MICHIGAN	0.	.0	0.	.0	.1	.1	0.	.1	9.1	.6	.0
15 MINNESOTA	.0	.0	0.	0.	.0	2.6	0.	.0	.4	.0	.0
16 MISS.	.0	.0	.1	.0	.0	.0	0.	.0	.0	.0	0.
17 MISSOURI	.0	.0	.1	.0	.0	.6	0.	.0	.1	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	0.	.0	0.	0.	.0	.0	0.	.0	.0	0.
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.2	0.	.0	0.
21 NEW JERSEY	0.	0.	0.	.0	0.	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	.3	1.0	.3	0.
24 N CAROLINA	0.	.2	.0	1.5	.0	0.	0.	.0	.0	.0	0.
25 N DAKOTA	.1	0.	0.	0.	0.	.0	.0	.0	.0	.0	.0
26 OHIO	0.	.0	0.	.2	7.6	0.	0.	.3	3.1	.2	0.
27 OKLAHOMA	.0	0.	.0	0.	0.	.0	0.	.0	.0	.0	0.
28 PENN.	0.	0.	.0	.5	2.9	0.	0.	.2	1.2	.1	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	.1	0.	.0	0.
30 S CAROLINA	0.	.0	.0	.1	.0	0.	0.	.0	.0	0.	0.
31 S DAKOTA	.0	0.	0.	0.	0.	.0	.0	.0	.0	.0	0.
32 TENNESSEE	.0	9.8	.0	1.1	.7	.0	0.	.0	.1	.0	0.
33 TEXAS	.0	.0	5.1	0.	0.	.0	0.	.0	.0	.0	0.
34 VIRGINIA	0.	.1	.0	10.1	.9	0.	0.	.0	.0	0.	0.
35 W VIRGINIA	0.	.0	0.	1.7	17.6	0.	0.	.1	.1	.0	0.
36 WISCONSIN	0.	.0	0.	.0	.0	7.4	0.	.0	1.2	.1	.0
37 MANITOBA	0.	0.	0.	0.	0.	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	1.6	0.	.1	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	0.	.2	8.3	2.6	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.5	.3	4.6	.0
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON SO2)	.2	19.6	7.8	17.4	32.4	14.9	.0	4.2	29.3	9.2	.1

TABLE B-10. ENAMAP-2S SULFATE CONCENTRATION FOR AUGUST 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO4 CONCENTRATIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	9.9	1.5	.0	.0	3.6	1.3	.3	.5	.0	.0	1.0	4.4	.0	.0	0.
2 ARKANSAS	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	.0	2.5	.0	.1	0.	.0	.0	.0	.0	.0	.0	0.	0.
5 FLORIDA	.2	.1	0.	.0	1.4	.3	.0	.0	.0	.0	.0	.4	0.	0.	0.
6 GEORGIA	4.1	.2	.0	.0	.9	3.4	.0	.1	.0	.0	.7	.6	.0	.0	0.
7 ILLINOIS	.2	2.2	0.	.2	0.	.0	8.5	6.8	.3	.0	2.5	.4	.2	1.7	.0
8 INDIANA	.4	.4	0.	.4	.0	.1	1.3	8.1	.0	.0	5.5	.2	.5	1.5	0.
9 IOWA	.0	.0	.0	.0	0.	0.	.4	.1	1.1	.1	.0	.0	.0	.3	.1
10 KANSAS	0.	.0	.0	0.	0.	0.	.0	.0	.1	.1	0.	.0	.0	.0	.0
11 KENTUCKY	1.1	.2	0.	.5	.0	.1	.3	2.6	.0	.0	9.2	.4	.1	.2	0.
12 LOUISIANA	.3	.5	.0	.0	.6	.1	.0	.0	.0	.0	.0	3.9	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	0.	0.
14 MICHIGAN	.0	0.	0.	.1	0.	0.	.1	.9	.0	0.	.3	0.	1.3	3.2	.0
15 MINNESOTA	0.	.0	0.	.0	0.	0.	.2	.1	.2	.0	.0	0.	.0	.8	.6
16 MISS.	.3	.4	.0	.0	.2	.0	.0	.0	.0	.0	.0	1.2	.0	.0	0.
17 MISSOURI	.1	1.1	.0	.0	.0	.0	3.1	1.5	.4	.7	.5	.1	.0	.2	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	0.	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.
21 NEW JERSEY	0.	0.	0.	.3	.0	.0	0.	0.	0.	0.	0.	0.	.0	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	1.1	0.	0.
24 N CAROLINA	.5	.0	.0	.4	.2	1.0	.0	.0	.0	.0	.3	.1	.0	.0	0.
25 N DAKOTA	0.	0.	.0	0.	0.	0.	.0	.0	.0	.0	0.	0.	.0	.0	.1
26 OHIO	.1	0.	0.	3.1	0.	.0	.0	.3	0.	0.	2.2	0.	1.1	.1	0.
27 OKLAHOMA	0.	.0	.0	0.	0.	0.	.0	.0	.1	.2	.0	.0	.0	.0	.0
28 PENN.	.0	0.	0.	5.7	.0	.0	0.	0.	0.	0.	0.	.0	1.0	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
30 S CAROLINA	.4	.0	.0	.0	.3	1.3	.0	.0	.0	.0	.0	.1	.0	0.	0.
31 S DAKOTA	0.	0.	.0	0.	0.	0.	.0	.0	.0	.0	0.	0.	.0	.0	.0
32 TENNESSEE	1.0	1.2	.0	.1	.0	.3	.3	.6	.0	.0	2.2	.8	.0	.1	0.
33 TEXAS	.0	.2	.2	0.	.0	.0	.0	.0	.1	.3	.0	.2	.0	.0	.0
34 VIRGINIA	.2	.0	0.	2.5	.1	.5	.0	.0	.0	.0	.1	.0	.0	0.	0.
35 W VIRGINIA	.1	.0	0.	3.4	.0	.1	.0	.0	0.	0.	.3	.0	.8	0.	0.
36 WISCONSIN	.0	.0	0.	.1	0.	0.	.4	.5	.1	0.	.1	0.	.1	2.4	.0
37 MANITOBA	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	.0	.0	.1
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
39 ONTARIO	0.	0.	0.	.1	0.	0.	.0	.0	0.	0.	.0	0.	1.2	.2	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL SO4 UG/M3	19.0	8.5	.2	19.6	7.4	8.6	14.9	22.2	2.4	1.5	25.1	12.8	10.2	10.8	.9

TABLE B-10. ENAMAP-2S SULFATE CONCENTRATION FOR AUGUST 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO4 CONCENTRATIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	11.3	.3	0.	.0	.0	.0	.0	.0	.1	0.	.1	.1	.0	.0	.0
2 ARKANSAS	.0	.1	0.	.0	.0	.0	.0	.0	.0	0.	.0	.1	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	0.	0.	.0	.0	1.4	.0	.1	.4	0.	.0	.0	.3	.3	.1
5 FLORIDA	.3	.0	0.	0.	0.	.0	.0	.0	.0	0.	.0	.0	.0	0.	.0
6 GEORGIA	1.1	.0	0.	.0	.0	.0	.0	.0	.2	0.	.1	.0	.0	.0	.5
7 ILLINOIS	.8	2.6	0.	.0	.3	.1	0.	.7	.1	0.	2.9	.1	.4	.1	.0
8 INDIANA	1.2	.3	0.	0.	.7	.1	0.	1.4	.1	0.	6.8	.0	1.7	.6	.0
9 IOWA	.0	.2	0.	.0	.0	.0	0.	.0	0.	.0	.0	.0	.0	.0	0.
10 KANSAS	.0	.1	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	0.	0.
11 KENTUCKY	2.0	.1	0.	0.	.1	.5	0.	.4	.2	0.	4.2	.0	1.5	.4	.1
12 LOUISIANA	.7	.1	0.	.0	.0	0.	.1	.0	0.	0.	.0	.2	.0	.0	.0
13 MAINE	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	.0	.0	0.	0.	1.4	.3	0.	3.0	.0	0.	2.9	0.	1.4	.4	0.
15 MINNESOTA	0.	.1	0.	.0	.0	.0	0.	.0	0.	.0	.1	0.	.0	.0	0.
16 MISS.	1.2	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
17 MISSOURI	.2	4.8	0.	.0	.0	.0	.0	.1	.0	.0	.7	.5	.1	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	.0	0.	0.	.0	.0	0.	.0	.0	.0	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	.6	.0	0.	.0	0.	0.	0.	0.	0.	1.0	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	2.7	0.	.2	.1	0.	0.	0.	.0	.9	.0
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	2.2	2.7	0.	2.2	.1	0.	0.	0.	.4	5.2	.0
24 N CAROLINA	.2	.0	0.	.0	.0	.1	.0	.0	3.5	0.	.0	.0	.0	.0	2.1
25 N DAKOTA	0.	.0	.0	.0	0.	0.	0.	.0	0.	.1	.0	0.	.0	0.	0.
26 OHIO	.0	0.	0.	0.	1.8	2.2	0.	4.1	.4	0.	6.8	0.	7.8	2.2	.1
27 OKLAHOMA	.0	.1	0.	.0	.0	0.	.0	.0	0.	.0	.0	.4	.0	.0	0.
28 PENN.	.0	0.	0.	0.	2.3	5.7	0.	3.2	.3	0.	.2	0.	7.6	5.1	.1
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	0.	0.	0.	.7	.0
30 S CAROLINA	.2	.0	0.	.0	.0	.0	.0	.0	.7	0.	.0	.0	.0	.0	3.1
31 S DAKOTA	0.	.0	.0	.0	0.	0.	0.	.0	0.	.0	.0	0.	0.	0.	0.
32 TENNESSEE	2.6	.2	0.	.0	.0	.0	.0	.0	.3	0.	.3	.1	.1	.0	.1
33 TEXAS	.0	.1	0.	.1	.0	0.	.9	.0	0.	.0	.0	.8	.0	0.	0.
34 VIRGINIA	.0	.0	0.	.0	.0	.7	0.	.0	2.0	0.	.0	.0	.2	.1	.6
35 W VIRGINIA	.0	.0	0.	0.	1.4	3.4	0.	2.8	.5	0.	1.1	0.	7.8	2.8	.1
36 WISCONSIN	.0	.0	0.	0.	.1	.1	0.	.3	0.	0.	.4	0.	.2	.2	0.
37 MANITOBA	0.	0.	0.	0.	.0	0.	0.	.0	0.	.0	0.	0.	0.	0.	0.
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39 ONTARIO	0.	0.	0.	0.	1.3	.2	0.	2.1	.0	.0	.3	0.	.5	.4	0.
40 QUEBEC	0.	0.	0.	0.	.6	0.	0.	.1	0.	0.	0.	0.	0.	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL SO4 UG/M3	21.9	9.2	.0	.2	13.1	20.1	1.0	20.8	9.0	.2	26.9	2.4	30.0	20.4	6.8

TABLE B-10. ENAMAP-2S SULFATE CONCENTRATION FOR AUGUST 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO4 CONCENTRATIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	.0	3.2	.7	.1	.0	.0	0.	.0	.0	.0	0.
2 ARKANSAS	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	.0	.0	.9	.1	0.	0.	.0	0.	0.	0.
5 FLORIDA	0.	.0	.0	.0	.0	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	1.7	.1	.1	.1	0.	0.	.0	.0	.0	0.
7 ILLINOIS	0.	2.3	.1	.2	.5	.4	0.	.1	.4	.4	.1
8 INDIANA	0.	2.2	.0	.2	1.6	.0	0.	.2	.5	.3	.1
9 IOWA	.0	.0	.0	.0	.0	.6	.0	.0	.1	.0	.0
10 KANSAS	.0	.0	.0	0.	0.	.0	0.	.0	.0	.0	.0
11 KENTUCKY	0.	5.3	.0	.6	3.3	.0	0.	.1	.2	.1	.0
12 LOUISIANA	.0	.0	1.0	0.	.0	.0	0.	.0	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.7	0.	.0	.0
14 MICHIGAN	0.	.0	0.	.0	.4	.1	0.	.6	1.9	.9	.1
15 MINNESOTA	.0	.0	0.	0.	.0	1.8	.0	.0	.3	.1	.0
16 MISS.	.0	.1	.2	.0	.0	.0	0.	.0	.0	.0	0.
17 MISSOURI	.0	.3	.0	.0	.0	.1	0.	.0	.1	.1	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.4	0.	.0	.0
21 NEW JERSEY	0.	0.	0.	.2	.0	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.1	.0	0.	0.	.9	.1	.1	.0
24 N CAROLINA	0.	.3	.0	1.5	.1	0.	0.	.0	.0	.0	0.
25 N DAKOTA	.2	0.	0.	0.	0.	.0	.0	.0	.0	.0	.0
26 OHIO	0.	.5	0.	1.0	7.7	0.	0.	.6	.3	.2	.0
27 OKLAHOMA	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0
28 PENN.	0.	0.	.0	1.8	1.9	0.	0.	.6	.1	.1	.0
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	.2	0.	.0	0.
30 S CAROLINA	0.	.1	.0	.1	.0	0.	0.	.0	.0	.0	0.
31 S DAKOTA	.0	0.	0.	0.	0.	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	4.3	.1	.5	.4	.0	0.	.0	.0	.0	.0
33 TEXAS	.0	.0	1.4	0.	.0	.0	0.	.0	.0	.0	.0
34 VIRGINIA	0.	.2	.0	4.7	1.0	0.	0.	.0	.0	.0	0.
35 W VIRGINIA	0.	.2	0.	2.3	9.2	0.	0.	.4	.0	.0	0.
36 WISCONSIN	0.	.1	0.	.0	.0	1.6	0.	.1	.6	.3	.0
37 MANITOBA	.0	0.	0.	0.	0.	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.7	0.	.1	.0
39 ONTARIO	0.	0.	0.	.0	.1	.0	.0	.7	1.6	2.1	.5
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	1.2	.1	2.5	.9
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL SO4 UG/M3	.3	20.9	3.7	14.4	26.5	4.7	.1	7.5	6.3	7.3	1.7

TABLE B-11. ENAMAP-2S SULFATE DRY DEPOSITION FOR AUGUST 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO4 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	24.5	4.5	.0	.0	6.6	4.5	.8	1.0	.0	.1	2.3	11.9	.0	.1	0.
2 ARKANSAS	.0	1.5	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	.0	2.1	.0	.2	0.	.0	.0	.0	.0	.0	.0	0.	0.
5 FLORIDA	.6	.2	0.	.0	2.5	1.1	.0	.0	.0	.0	.0	1.1	0.	0.	0.
6 GEORGIA	10.0	.5	.0	.0	1.5	11.1	.0	.2	.0	.0	1.6	1.6	.0	.0	0.
7 ILLINOIS	.6	6.4	0.	.2	0.	.1	25.1	13.9	1.0	.0	5.6	1.2	.5	5.4	.0
8 INDIANA	.9	1.0	0.	.4	.0	.2	3.7	16.4	.0	.0	12.0	.5	1.1	4.9	0.
9 IOWA	.0	.1	.0	.0	0.	0.	1.1	.2	4.5	.3	.0	.0	.0	.9	.5
10 KANSAS	0.	.0	.0	0.	0.	0.	.0	.0	.2	.5	0.	.0	.0	.0	.0
11 KENTUCKY	2.8	.6	0.	.5	.0	.4	.8	5.3	.0	.0	20.4	1.0	.2	.5	0.
12 LOUISIANA	.8	1.5	.0	.0	.9	.3	.1	.0	.0	.2	.0	10.8	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5	0.	0.
14 MICHIGAN	.0	0.	0.	.1	0.	0.	.3	1.8	.0	0.	.6	0.	2.8	10.0	.0
15 MINNESOTA	0.	.0	0.	.0	0.	0.	.4	.2	.9	.0	.0	0.	.0	2.3	3.0
16 MISS.	.8	1.1	.0	.0	.4	.1	.1	.0	.0	.0	.0	3.5	.0	.0	0.
17 MISSOURI	.1	3.4	.0	.0	.0	.0	9.1	3.0	1.7	3.1	1.1	.3	.1	.6	.1
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	0.	0.	0.	.0	.0	.2	.1	.0	0.	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0	0.	0.
21 NEW JERSEY	0.	0.	0.	.2	.0	.0	0.	0.	0.	0.	0.	0.	.0	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	2.4	0.	0.
24 N CAROLINA	1.2	.1	.0	.3	.4	3.3	.0	.0	.0	.0	.6	.2	.0	.0	0.
25 N DAKOTA	0.	0.	.0	0.	0.	0.	.0	.0	.1	.0	0.	0.	.0	.0	.3
26 OHIO	.4	0.	0.	2.8	0.	.1	.0	.6	0.	0.	4.7	0.	2.5	.1	0.
27 OKLAHOMA	0.	.1	.0	0.	0.	0.	.1	.0	.2	.9	.0	.0	.0	.0	.0
28 PENN.	.0	0.	0.	5.0	.0	.0	0.	0.	0.	0.	0.	.0	2.1	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
30 S CAROLINA	1.1	.0	.0	.0	.6	4.4	.0	.0	.0	.0	.1	.4	.0	0.	0.
31 S DAKOTA	0.	0.	.0	0.	0.	0.	.0	.0	.0	.0	0.	0.	.0	.0	.1
32 TENNESSEE	2.6	3.4	.0	.1	.0	.9	.8	1.3	.0	.1	5.0	2.2	.0	.3	0.
33 TEXAS	.0	.5	.3	0.	.0	.0	.1	.0	.3	1.6	.0	.6	.0	.0	.0
34 VIRGINIA	.4	.0	0.	2.1	.1	1.5	.0	.0	.0	.0	.3	.0	.0	0.	0.
35 W VIRGINIA	.2	.0	0.	3.1	.0	.2	.0	.0	0.	0.	.8	.0	1.7	0.	0.
36 WISCONSIN	.0	.0	0.	.1	0.	0.	1.0	1.0	.4	0.	.3	0.	.2	7.1	.1
37 MANITOBA	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	.0	.0	.4
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.1	0.	0.	.0	0.	2.8	.6	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.1	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON SO4)	46.9	25.0	.4	17.1	13.1	28.5	43.8	45.0	9.7	7.0	55.5	35.5	22.4	33.0	4.6

TABLE B-11. ENAMAP-2S SULFATE DRY DEPOSITION FOR AUGUST 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO4 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	31.9	.9	0.	.0	.0	.0	.0	.0	.2	0.	.4	.4	.0	.0	.0
2 ARKANSAS	.1	.4	0.	.0	.0	.0	.0	.0	.0	0.	.0	.2	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	0.	0.	.0	.0	.7	.0	.2	1.1	0.	.0	.0	.7	.2	.2
5 FLORIDA	.9	.0	0.	0.	0.	.0	.0	.0	.0	0.	.0	.0	.0	0.	.0
6 GEORGIA	3.1	.0	0.	.0	.0	.0	.0	.0	.6	0.	.3	.1	.0	.0	.8
7 ILLINOIS	2.5	9.1	0.	.0	.3	.0	0.	1.7	.2	0.	7.0	.3	.8	.1	.0
8 INDIANA	3.4	.9	0.	0.	.8	.1	0.	3.7	.3	0.	16.7	.0	3.7	.5	.0
9 IOWA	.0	.7	0.	.1	.0	.0	0.	.0	0.	.0	.0	.0	.0	.0	0.
10 KANSAS	.0	.3	0.	.1	.0	0.	.0	.0	0.	.0	.0	.1	.0	0.	0.
11 KENTUCKY	5.7	.2	0.	0.	.2	.3	0.	1.1	.7	0.	10.5	.0	3.2	.3	.1
12 LOUISIANA	1.6	.4	0.	.0	.0	0.	.1	.0	0.	0.	.0	.9	.0	.0	.0
13 MAINE	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	.0	.0	0.	0.	1.7	.1	0.	7.4	.0	0.	6.3	0.	2.9	.3	0.
15 MINNESOTA	0.	.2	0.	.0	.0	.0	0.	.1	0.	.0	.2	0.	.0	.0	0.
16 MISS.	3.4	.2	0.	.0	.0	.0	.0	.0	.0	0.	.0	.1	.0	.0	.0
17 MISSOURI	.6	16.9	0.	.1	.0	.0	.0	.2	.0	.0	1.7	2.2	.1	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	.1	0.	0.	.0	.0	0.	.0	.0	.0	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	.6	.0	0.	.0	0.	0.	0.	0.	0.	.8	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	1.3	0.	.5	.4	0.	0.	0.	.1	.7	.0
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	2.6	1.4	0.	6.2	.1	0.	0.	0.	.8	4.2	.0
24 N CAROLINA	.5	.0	0.	.0	.0	.0	.0	.0	10.1	0.	.1	.0	.0	.0	3.6
25 N DAKOTA	0.	.0	.0	.1	0.	0.	0.	.0	0.	.5	.0	0.	.0	0.	0.
26 OHIO	.0	0.	0.	0.	2.1	1.2	0.	11.3	1.0	0.	16.3	0.	17.0	1.9	.1
27 OKLAHOMA	.0	.5	0.	.1	.0	0.	.0	.0	0.	.0	.0	1.7	.0	.0	0.
28 PENN.	.0	0.	0.	0.	2.7	3.0	0.	9.1	.9	0.	.4	0.	16.8	4.2	.1
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	0.	0.	0.	.6	.0
30 S CAROLINA	.5	.0	0.	.0	.0	.0	.0	.0	2.0	0.	.0	.0	.0	.0	5.1
31 S DAKOTA	0.	.0	.0	.0	0.	0.	0.	.0	0.	.0	.0	0.	0.	0.	0.
32 TENNESSEE	7.3	.8	0.	.0	.0	.0	.0	.1	.9	0.	.7	.3	.1	.0	.1
33 TEXAS	.0	.5	0.	.3	.0	0.	.9	.0	0.	.0	.0	3.2	.0	0.	0.
34 VIRGINIA	.0	.0	0.	.0	.0	.3	0.	.1	5.7	0.	.1	.0	.5	.1	1.0
35 W VIRGINIA	.0	.0	0.	0.	1.7	1.9	0.	7.9	1.6	0.	2.7	0.	17.2	2.4	.1
36 WISCONSIN	.1	.0	0.	0.	.2	.1	0.	.7	0.	0.	.9	0.	.4	.1	0.
37 MANITOBA	0.	0.	0.	0.	.0	0.	0.	.0	0.	.1	0.	0.	0.	0.	0.
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39 ONTARIO	0.	0.	0.	0.	1.5	.1	0.	5.5	.0	.0	.5	0.	1.1	.3	0.
40 QUEBEC	0.	0.	0.	0.	.7	0.	0.	.3	0.	0.	0.	0.	0.	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON SO4)	61.6	32.2	.0	.9	15.4	10.5	1.0	56.2	25.8	.7	64.9	9.6	65.6	16.7	11.3

TABLE B-11. ENAMAP-2S SULFATE DRY DEPOSITION FOR AUGUST 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO4 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS										
	31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	.0	7.6	8.0	.3	.1	.0	0.	.0	.1	.0	0.
2 ARKANSAS	.0	.1	.5	.0	.0	.0	0.	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	.0	.0	2.0	.1	0.	0.	.0	0.	0.	0.
5 FLORIDA	0.	.0	.5	.0	.0	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	4.2	1.6	.2	.2	0.	0.	.0	.1	.0	0.
7 ILLINOIS	0.	5.4	1.0	.5	.9	1.3	0.	.2	7.2	6.8	.4
8 INDIANA	0.	5.0	.0	.5	2.6	.1	0.	.6	8.4	6.3	.2
9 IOWA	.1	.0	.0	.0	.0	2.0	.0	.0	1.1	.3	.0
10 KANSAS	.0	.0	.0	0.	0.	.0	0.	.0	.0	.0	.0
11 KENTUCKY	0.	12.5	.1	1.4	5.5	.0	0.	.2	3.5	2.6	.0
12 LOUISIANA	.0	.0	11.6	0.	.0	.0	0.	.0	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	2.1	0.	.1	.0
14 MICHIGAN	0.	.0	0.	.1	.7	.2	0.	1.8	29.7	18.1	.7
15 MINNESOTA	.0	.0	0.	0.	.0	6.3	.0	.1	5.7	2.1	.0
16 MISS.	.0	.1	1.9	.0	.0	.0	0.	.0	.0	.0	0.
17 MISSOURI	.0	.7	.3	.0	.1	.4	0.	.0	1.0	1.3	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.1	.0	.0	0.	0.	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	1.1	0.	.0	.0
21 NEW JERSEY	0.	0.	0.	.3	.0	0.	0.	.1	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.3	.0	0.	0.	2.4	1.0	2.6	.0
24 N CAROLINA	0.	1.2	.3	3.1	.1	0.	0.	.0	.0	.0	0.
25 N DAKOTA	.7	0.	0.	0.	0.	.1	.1	.0	.2	.0	.0
26 OHIO	0.	1.2	0.	2.4	12.4	0.	0.	1.8	4.8	4.2	.0
27 OKLAHOMA	.0	.0	.1	0.	.0	.0	0.	.0	.0	.0	.0
28 PENN.	0.	0.	.0	3.8	3.2	0.	0.	1.7	.8	1.2	.0
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	.6	0.	.0	0.
30 S CAROLINA	0.	.2	.4	.2	.0	0.	0.	.0	.0	.0	0.
31 S DAKOTA	.1	0.	0.	0.	0.	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	10.4	1.8	1.1	.6	.0	0.	.0	.5	.7	.0
33 TEXAS	.0	.0	17.0	0.	.0	.1	0.	.0	.0	.0	.0
34 VIRGINIA	0.	.6	.0	10.2	1.8	0.	0.	.0	.0	.0	0.
35 W VIRGINIA	0.	.4	0.	5.0	15.1	0.	0.	1.2	.4	.8	0.
36 WISCONSIN	0.	.1	0.	.0	.1	5.4	0.	.2	10.3	5.6	.1
37 MANITOBA	.0	0.	0.	0.	0.	.0	.3	.0	.8	.1	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	2.1	0.	1.0	.1
39 ONTARIO	0.	0.	0.	.0	.1	.0	.0	2.1	30.8	40.7	2.3
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	3.3	2.6	47.2	3.8
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON SO4)	1.1	49.9	45.1	31.4	43.3	16.1	.5	21.6	109.1	141.8	7.6

TABLE B-12. ENAMAP-2S SULFATE WET DEPOSITION FOR AUGUST 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO4 WET DEPOSITIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	21.1	3.3	.0	.0	2.7	4.2	1.8	2.7	.1	.1	5.7	6.0	.0	.5	0.
2 ARKANSAS	.0	.9	.0	.0	0.	.0	.4	.1	.1	.0	.1	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	0.	0.	4.1	.0	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
5 FLORIDA	.6	.1	0.	.0	1.8	1.5	.0	.0	.0	.0	.0	.0	.1	0.	0.
6 GEORGIA	6.8	.2	.0	.0	.6	14.0	.1	.4	.0	.0	1.9	1.2	.0	.0	0.
7 ILLINOIS	.0	.4	0.	.1	0.	.0	28.9	15.7	3.1	.0	3.5	.0	.6	4.2	.0
8 INDIANA	.2	.1	0.	.1	0.	.0	3.2	17.5	.0	0.	6.7	0.	1.3	5.8	0.
9 IOWA	0.	.0	.0	0.	0.	0.	1.0	.2	4.4	.2	.0	0.	.0	.7	.7
10 KANSAS	0.	.0	.0	0.	0.	0.	.1	.0	.3	.5	0.	.0	.0	.0	.1
11 KENTUCKY	.4	.0	0.	.4	0.	.0	.1	8.5	.0	0.	19.7	.1	.2	.1	0.
12 LOUISIANA	.5	1.2	.0	.0	.5	.4	.3	.0	.1	.2	.0	8.1	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.5	0.	0.
14 MICHIGAN	0.	0.	0.	.0	0.	0.	.2	.4	.0	0.	.4	0.	3.7	10.4	.0
15 MINNESOTA	0.	0.	0.	0.	0.	0.	.2	.1	.6	.0	.0	0.	.0	1.0	2.3
16 MISS.	.5	.7	.0	.0	.1	.1	.2	.1	.0	.0	.1	1.7	.0	.0	0.
17 MISSOURI	.0	.2	.0	.0	0.	.0	13.9	2.6	3.8	2.2	.3	.0	.1	.4	.3
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	0.	0.	.0	.0	.2	.0	0.	0.	0.	.0	.0
21 NEW JERSEY	0.	0.	0.	.2	0.	.0	0.	0.	0.	0.	0.	0.	2.2	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
23 NEW YORK	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24 N CAROLINA	.4	.0	.0	.8	.1	1.4	.0	.0	.0	.0	.6	.1	.0	0.	0.
25 N DAKOTA	0.	0.	.0	0.	0.	0.	.0	.0	.1	.0	0.	0.	0.	.0	.1
26 OHIO	.1	0.	0.	1.8	0.	.0	0.	.2	0.	0.	3.4	0.	3.5	.1	0.
27 OKLAHOMA	0.	.1	.0	0.	0.	0.	.2	.0	.4	1.1	0.	.0	.0	.0	.1
28 PENN.	0.	0.	0.	4.8	0.	.0	0.	0.	0.	0.	0.	.0	2.9	0.	0.
29 RI/MA/CT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
30 S CAROLINA	.4	.0	.0	.0	.2	3.0	.0	.0	.0	.0	.1	.5	.0	0.	0.
31 S DAKOTA	0.	0.	.0	0.	0.	0.	.0	.0	.0	.0	0.	0.	0.	.0	.0
32 TENNESSEE	.4	.5	.0	.2	.0	.3	1.1	2.8	.1	.1	9.3	.0	.0	.3	0.
33 TEXAS	.0	.5	.3	0.	.0	.0	.4	.0	.5	1.8	.0	.6	.0	.0	.0
34 VIRGINIA	.1	.0	0.	3.7	.0	.3	0.	.0	.0	0.	.2	.0	.0	0.	0.
35 W VIRGINIA	.0	0.	0.	3.9	0.	.0	0.	.0	0.	0.	.8	.0	2.5	0.	0.
36 WISCONSIN	.0	.0	0.	.0	0.	0.	1.2	.5	.9	0.	.1	0.	.1	4.1	.1
37 MANITOBA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.1
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	0.	.0	0.	0.	.0	0.	3.0	.8	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.7	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON SO4)	31.5	8.2	.3	20.3	5.9	25.5	53.3	51.9	14.7	6.1	53.2	19.4	31.5	28.6	3.8

TABLE B-12. ENAMAP-2S SULFATE WET DEPOSITION FOR AUGUST 1977 (continued)

EMITTER REGION	TOTAL	CONTRIBUTIONS TO SO4 WET DEPOSITIONS WITHIN RECEPTOR REGIONS													
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	12.4	.8	0.	.0	.0	.0	.0	.0	.3	0.	1.7	.1	.0	.0	.1
2 ARKANSAS	.0	.5	0.	.0	.0	.0	.0	.0	.0	0.	.0	.1	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	0.	.1	1.3	0.	.4	.2	0.	.0	0.	1.0	.6	.2
5 FLORIDA	.4	.0	0.	0.	0.	0.	.0	0.	.0	0.	.0	.0	.0	0.	.0
6 GEORGIA	.9	.0	0.	.0	.0	.0	.0	.0	1.8	0.	1.2	.0	.0	.0	1.2
7 ILLINOIS	.2	4.2	0.	0.	.3	.0	0.	1.6	.0	0.	6.0	.3	.9	.1	.0
8 INDIANA	.3	.7	0.	0.	.9	.1	0.	3.1	.0	0.	19.8	0.	5.5	.4	0.
9 IOWA	.0	.2	0.	.4	.0	0.	0.	.0	0.	.0	.0	.1	.0	.0	0.
10 KANSAS	0.	.3	0.	.1	.0	0.	.0	.0	0.	.0	.0	.1	.0	0.	0.
11 KENTUCKY	.4	.1	0.	0.	.2	.2	0.	2.3	.3	0.	15.7	0.	3.7	.5	.1
12 LOUISIANA	1.1	.9	0.	.0	.0	0.	.0	.0	0.	0.	.0	.8	.0	.0	0.
13 MAINE	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	.0	.0	0.	0.	2.0	.1	0.	7.7	.0	0.	2.9	0.	3.1	.1	0.
15 MINNESOTA	0.	.0	0.	.0	.0	.0	0.	.0	0.	.0	.0	0.	.0	.0	0.
16 MISS.	2.0	.3	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
17 MISSOURI	.1	13.1	0.	.1	.0	.0	.0	.2	.0	.0	.8	1.3	.3	.0	0.
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	0.	.1	0.	0.	.0	0.	0.	.0	.0	.0	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	1.5	.0	0.	.1	0.	0.	0.	0.	0.	1.0	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	2.9	0.	1.1	.2	0.	0.	0.	.3	.9	.0
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	4.2	1.7	0.	7.1	.0	0.	0.	0.	.6	6.6	.0
24 N CAROLINA	.1	.0	0.	.0	.0	.1	0.	.0	9.7	0.	.3	.0	.0	.0	1.9
25 N DAKOTA	0.	.0	.0	.0	0.	0.	0.	.0	0.	.2	0.	0.	0.	0.	0.
26 OHIO	.0	0.	0.	0.	2.0	1.6	0.	14.3	.2	0.	15.0	0.	20.0	2.5	.2
27 OKLAHOMA	0.	.7	0.	.1	.0	0.	.0	.0	0.	.0	.0	1.6	.0	.0	0.
28 PENN.	0.	0.	0.	0.	4.0	3.2	0.	11.0	.2	0.	.3	0.	25.5	6.4	.1
29 RI/MA/CT	0.	0.	0.	0.	.1	.0	0.	.1	.0	0.	0.	0.	0.	1.3	0.
30 S CAROLINA	.2	.0	0.	.0	0.	.0	.0	.0	3.3	0.	.1	.0	.0	.0	6.4
31 S DAKOTA	0.	.0	0.	.0	0.	0.	0.	.0	0.	.0	.0	0.	0.	0.	0.
32 TENNESSEE	.9	.5	0.	.0	.0	.0	0.	.1	1.2	0.	1.4	.1	.4	.0	.0
33 TEXAS	.0	.9	0.	.2	.0	0.	.4	.0	0.	0.	.0	2.1	.0	0.	0.
34 VIRGINIA	.0	.0	0.	.0	.0	.9	0.	.3	2.5	0.	.0	0.	1.1	.3	.4
35 W VIRGINIA	.0	0.	0.	0.	1.6	1.2	0.	8.1	.6	0.	3.1	0.	26.6	3.0	.1
36 WISCONSIN	.0	.0	0.	0.	.0	.0	0.	.3	0.	0.	.1	0.	.1	.0	0.
37 MANITOBA	0.	0.	0.	0.	0.	0.	0.	.0	0.	.0	0.	0.	0.	0.	0.
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39 ONTARIO	0.	0.	0.	0.	2.1	.0	0.	4.7	0.	.0	.1	0.	.4	.2	0.
40 QUEBEC	0.	0.	0.	0.	.6	0.	0.	.1	0.	0.	0.	0.	0.	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON SO4)	19.0	23.3	.0	1.1	20.1	13.3	.4	62.8	20.5	.3	68.7	6.6	89.7	23.8	10.6

TABLE B-12. ENAMAP-2S SULFATE WET DEPOSITION FOR AUGUST 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO SO4 WET DEPOSITIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	.0	12.8	5.7	.8	.2	.0	0.	.0	.5	.0	0.
2 ARKANSAS	.0	.1	.2	0.	.0	.0	0.	0.	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	.0	.0	2.0	.3	0.	0.	.0	0.	0.	0.
5 FLORIDA	0.	.1	.2	.0	.0	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	4.6	.9	.8	1.3	0.	0.	.0	.2	.0	0.
7 ILLINOIS	0.	.9	.4	.1	.4	3.3	0.	.2	6.0	.5	.0
8 INDIANA	0.	1.1	0.	.1	1.6	.2	0.	.2	9.7	2.3	0.
9 IOWA	.0	.0	.0	0.	.0	2.3	0.	.0	.6	.1	.0
10 KANSAS	.0	0.	.0	0.	0.	.1	0.	.0	.0	.0	.0
11 KENTUCKY	0.	3.9	.2	1.0	5.0	.0	0.	.1	4.4	1.1	0.
12 LOUISIANA	.0	.0	6.5	0.	.0	.0	0.	.0	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	1.3	0.	.0	0.
14 MICHIGAN	0.	.0	0.	.0	.2	.2	0.	.7	25.2	4.2	.0
15 MINNESOTA	.0	.0	0.	0.	.0	3.8	0.	.0	2.0	.4	.0
16 MISS.	.0	.2	.9	.0	.0	.0	0.	.0	.8	.0	0.
17 MISSOURI	.0	.0	.6	.0	.0	1.5	0.	.0	.5	.1	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	0.	.0	0.	0.	.0	.0	0.	.0	.0	0.
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.8	0.	.0	0.
21 NEW JERSEY	0.	0.	0.	.2	0.	0.	0.	.2	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.1	.0	0.	0.	1.8	1.1	1.4	0.
24 N CAROLINA	0.	.5	.1	3.9	.3	0.	0.	.0	.1	.0	0.
25 N DAKOTA	.3	0.	0.	0.	0.	.0	.0	.0	.1	.0	.0
26 OHIO	0.	.5	0.	.8	10.7	0.	0.	2.3	5.7	1.7	0.
27 OKLAHOMA	.0	0.	.1	0.	0.	.1	0.	.0	.0	.0	0.
28 PENN.	0.	0.	.0	2.0	3.6	0.	0.	1.4	1.1	.2	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	.4	0.	.0	0.
30 S CAROLINA	0.	.2	.2	.3	.0	0.	0.	.0	.0	0.	0.
31 S DAKOTA	.1	0.	0.	0.	0.	.0	.0	.0	.0	.0	0.
32 TENNESSEE	.0	9.8	.5	2.2	2.1	.0	0.	.0	.8	.2	0.
33 TEXAS	.0	.0	9.3	0.	0.	.1	0.	.0	.0	.0	0.
34 VIRGINIA	0.	.3	.0	12.2	2.4	0.	0.	.0	.0	0.	0.
35 W VIRGINIA	0.	.2	0.	3.2	15.6	0.	0.	1.2	.2	.4	0.
36 WISCONSIN	0.	.1	0.	.0	.0	6.3	0.	.1	5.8	1.8	.0
37 MANITOBA	0.	0.	0.	0.	0.	.0	.0	.0	.2	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	1.5	0.	.1	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	0.	1.0	15.7	10.3	.2
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	1.5	.4	9.6	.2
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON SO4)	.4	35.2	25.8	29.8	43.9	18.1	.0	14.6	80.3	34.5	.5

Appendix C

ENAMAP RESULTS FOR NITROGEN COMPOUNDS

Figure C-1. NO Concentration ($\mu g\ m^{-3}$), January 1977.

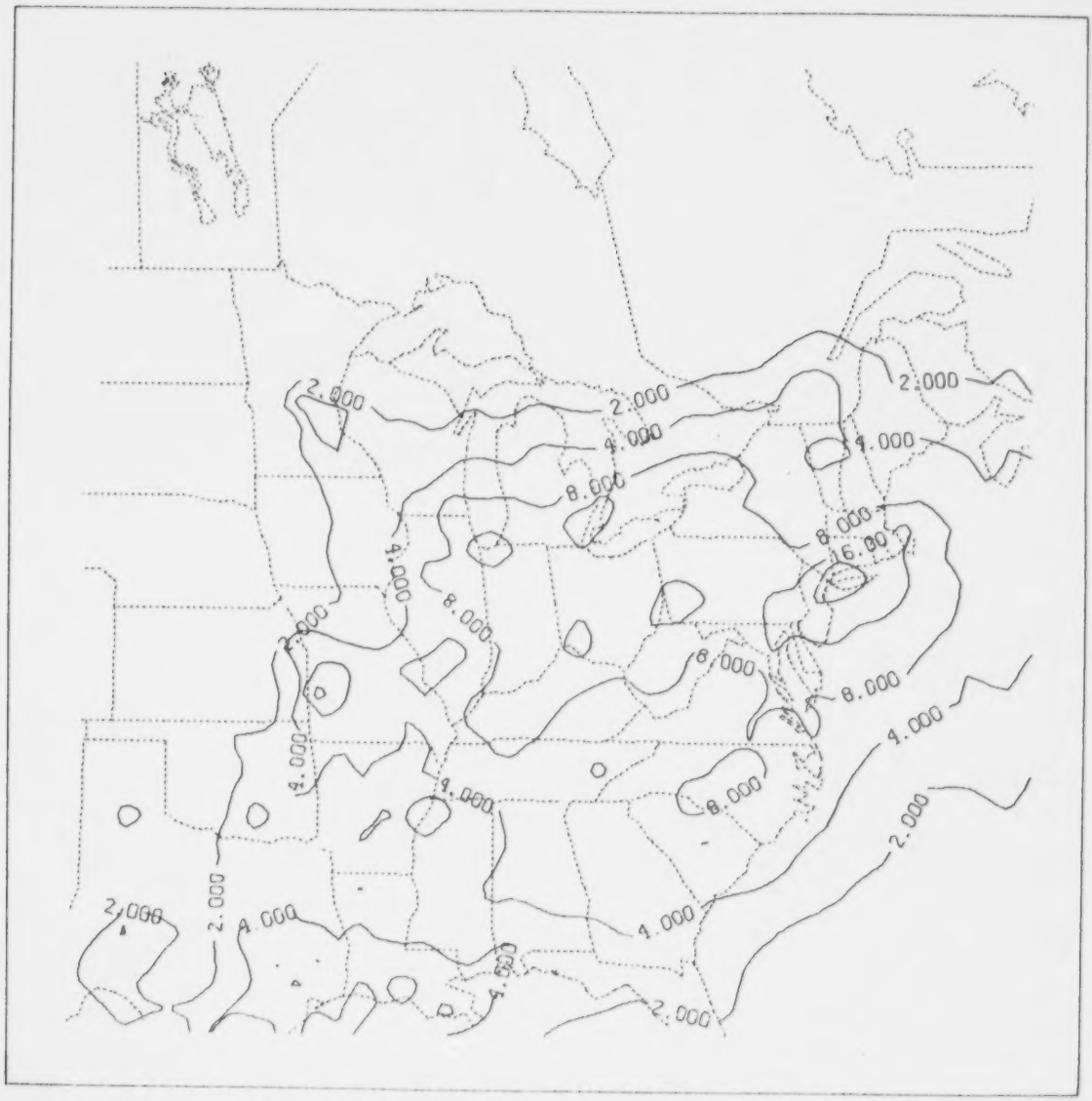


Figure C-2. NO Dry Deposition (mg m^{-2}), January 1977.

Figure C-3. NO Wet Deposition (mg m^{-2}), January 1977.

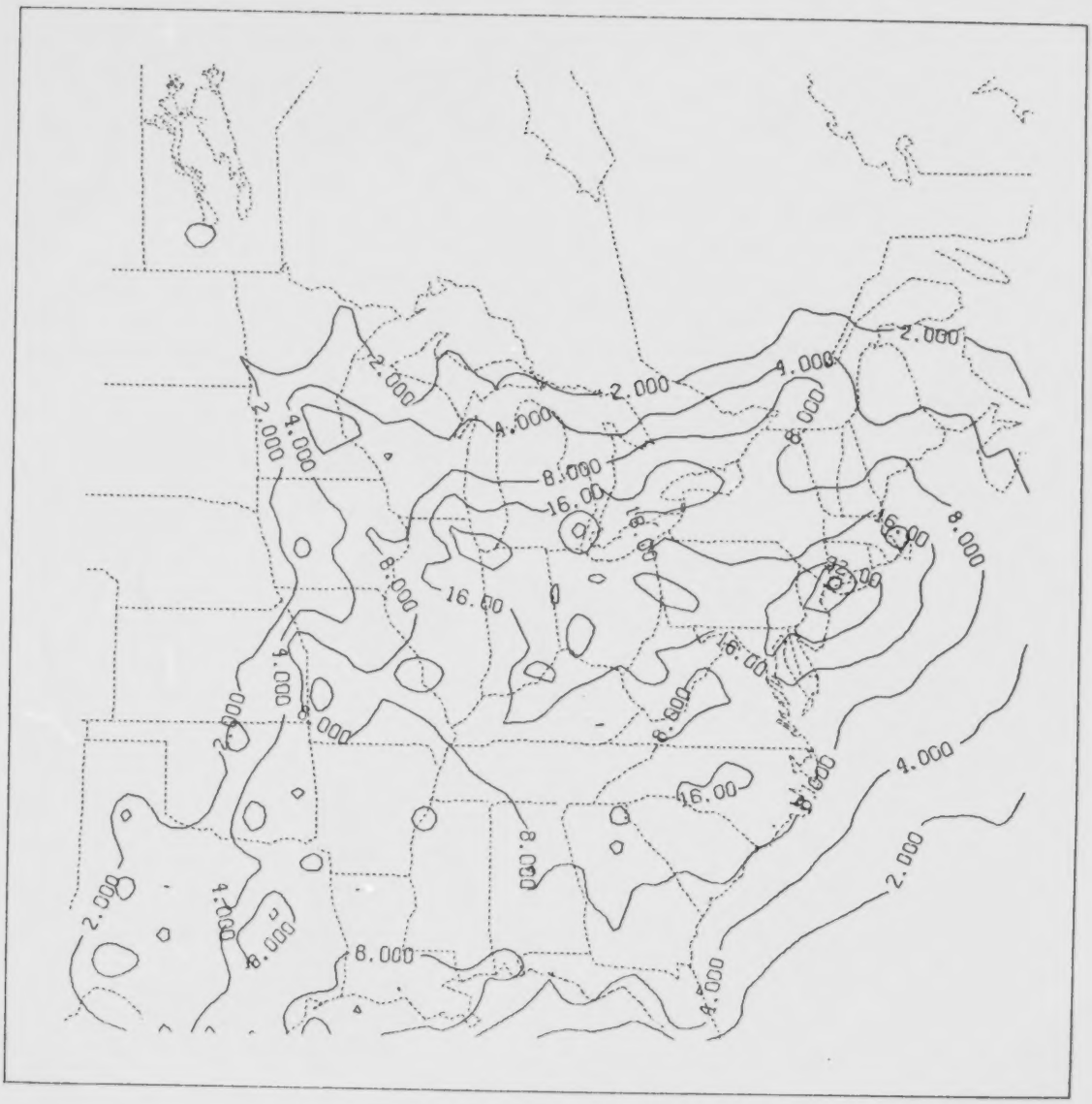


Figure C-4. NO_2 Concentration ($\mu g\ m^{-3}$), January 1977.

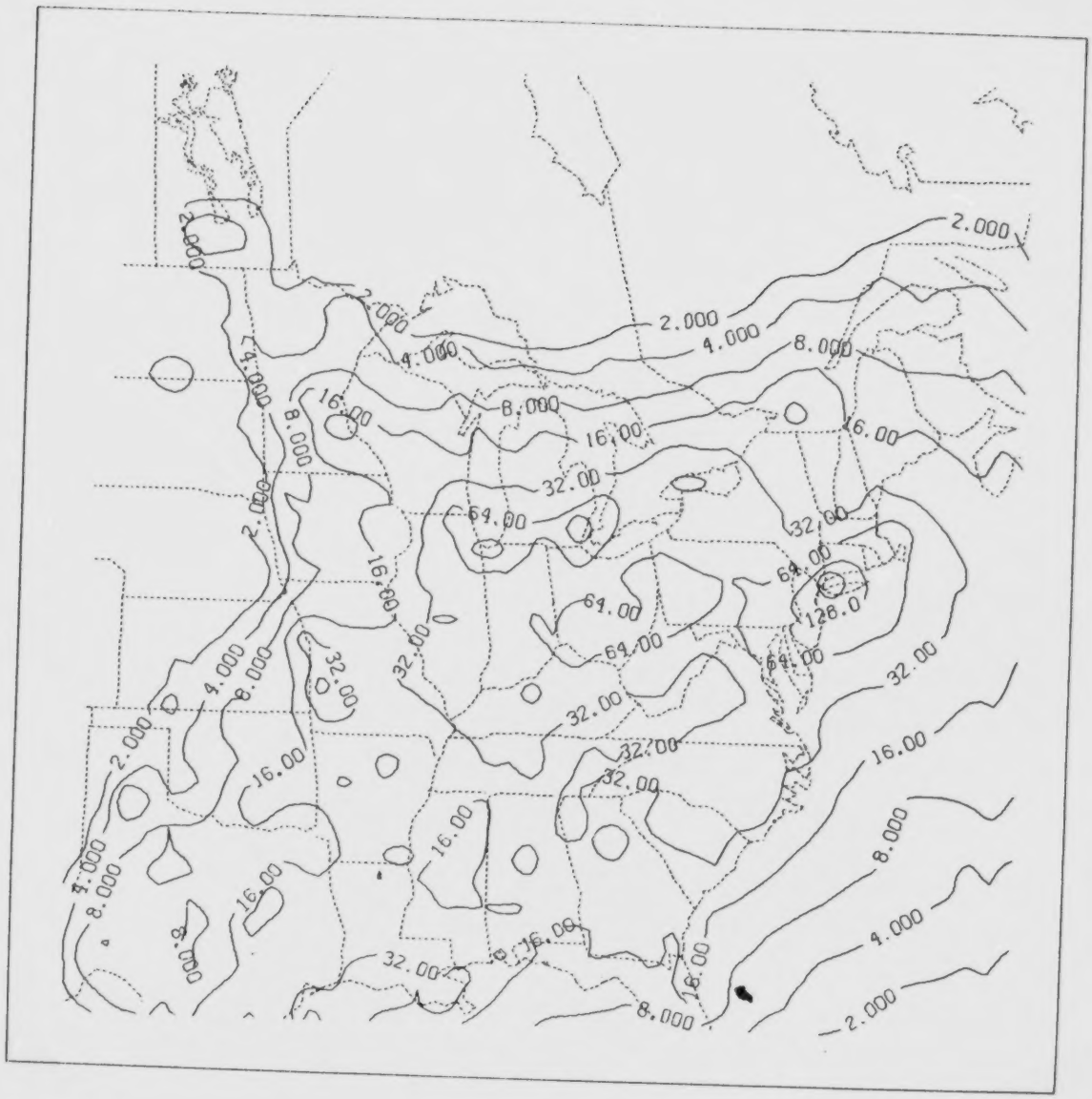


Figure C-5. NO_2 Dry Deposition (mg m^{-2}), January 1977.

Figure C-6. NO_2 Wet Deposition (mg m^{-2}), January 1977.

C6

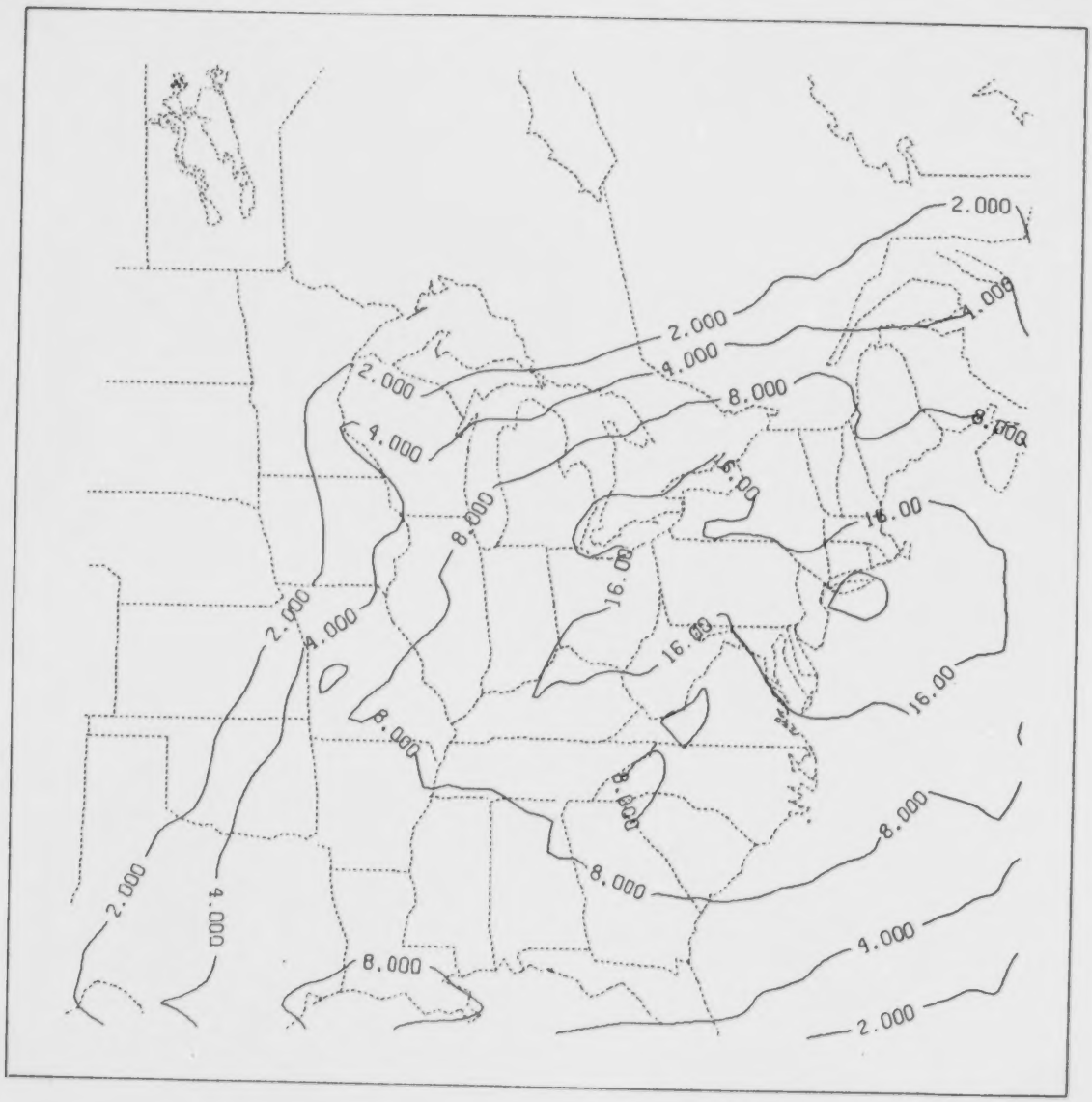


Figure C-7. PAN Concentration ($\mu g\ m^{-3}$), January 1977.

C-7

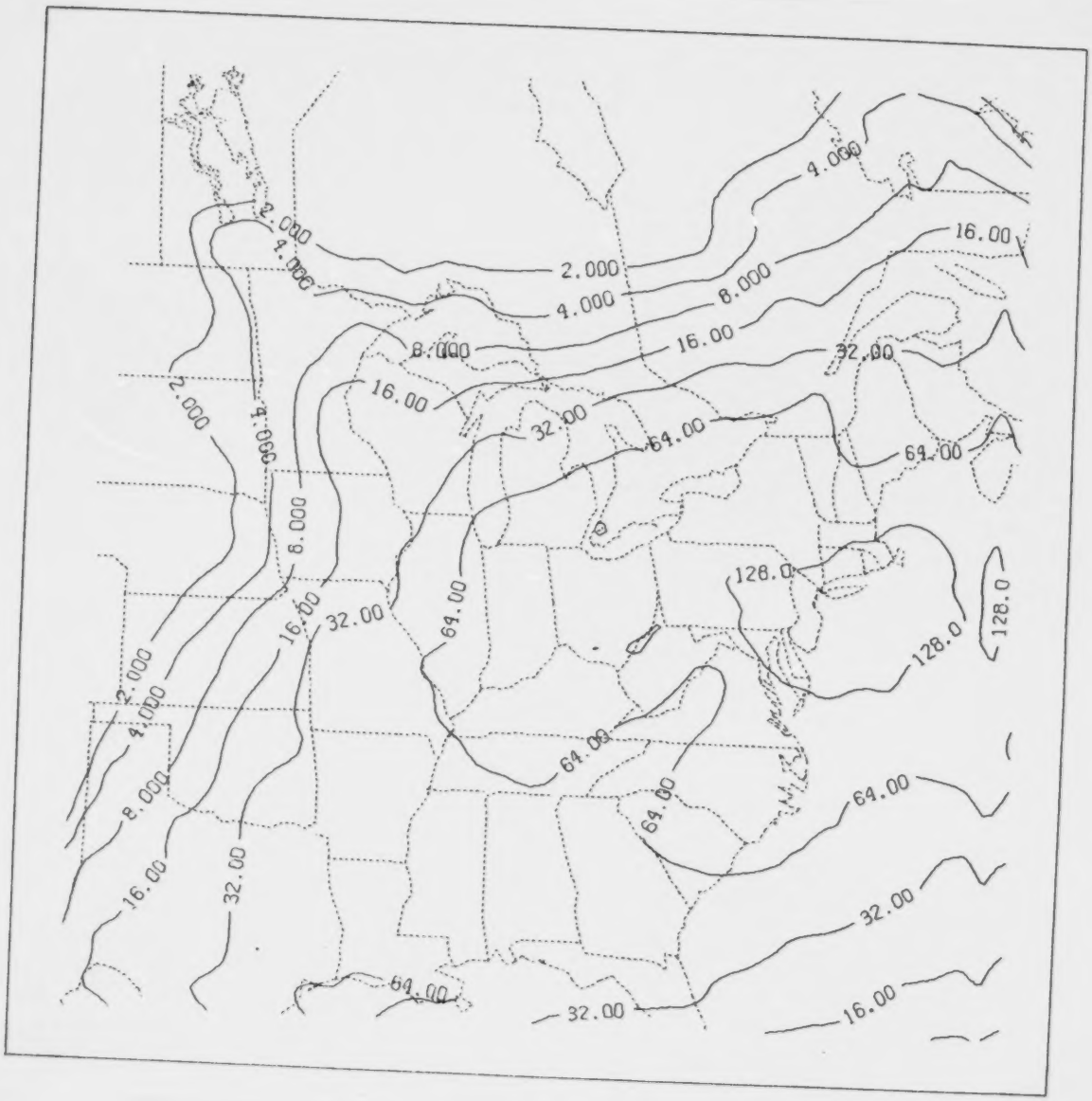


Figure C-8. PAN Dry Deposition (mg m^{-2}), January 1977.

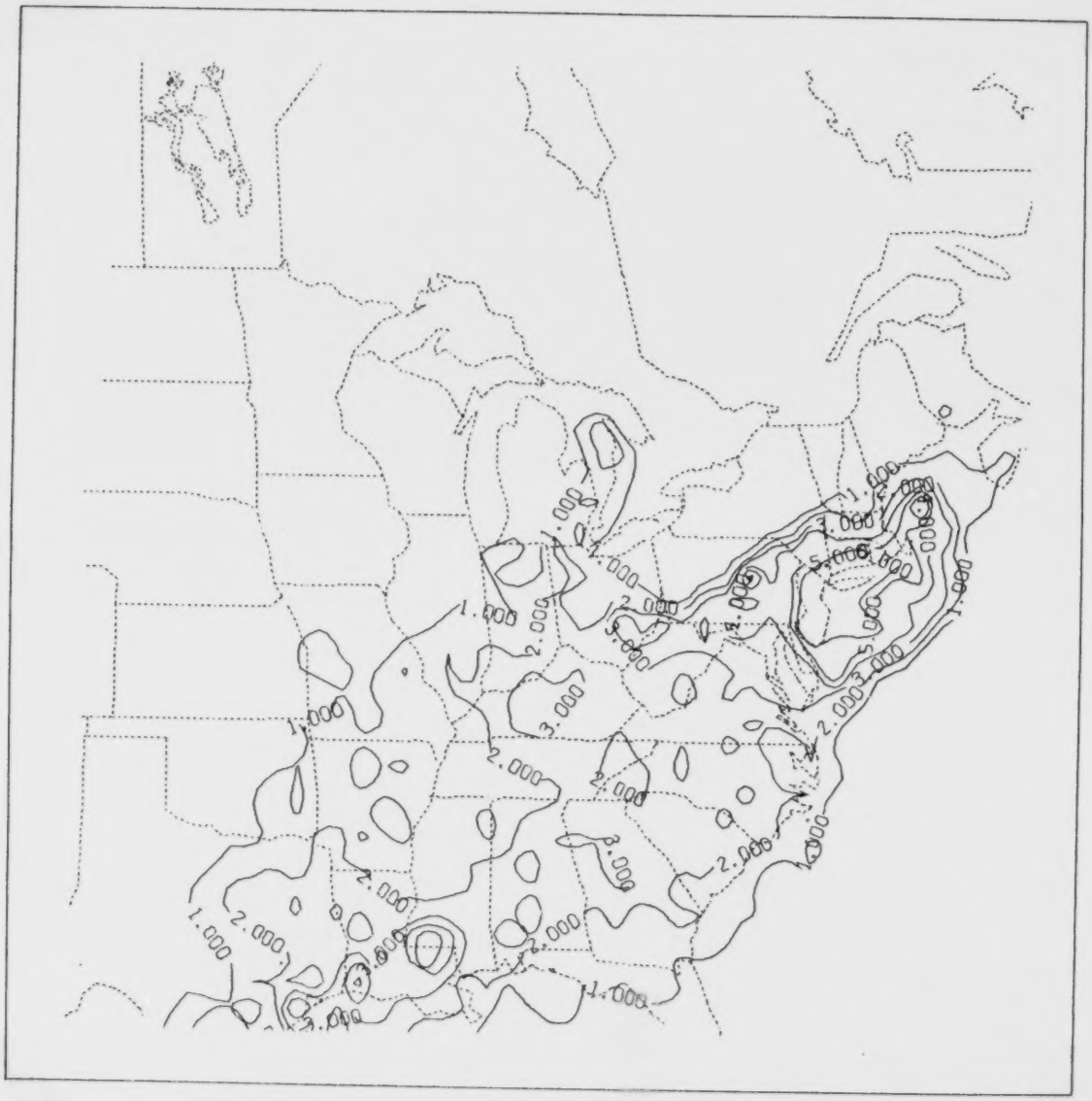


Figure C-9. PAN Wet Deposition (mg m^{-2}), January 1977.

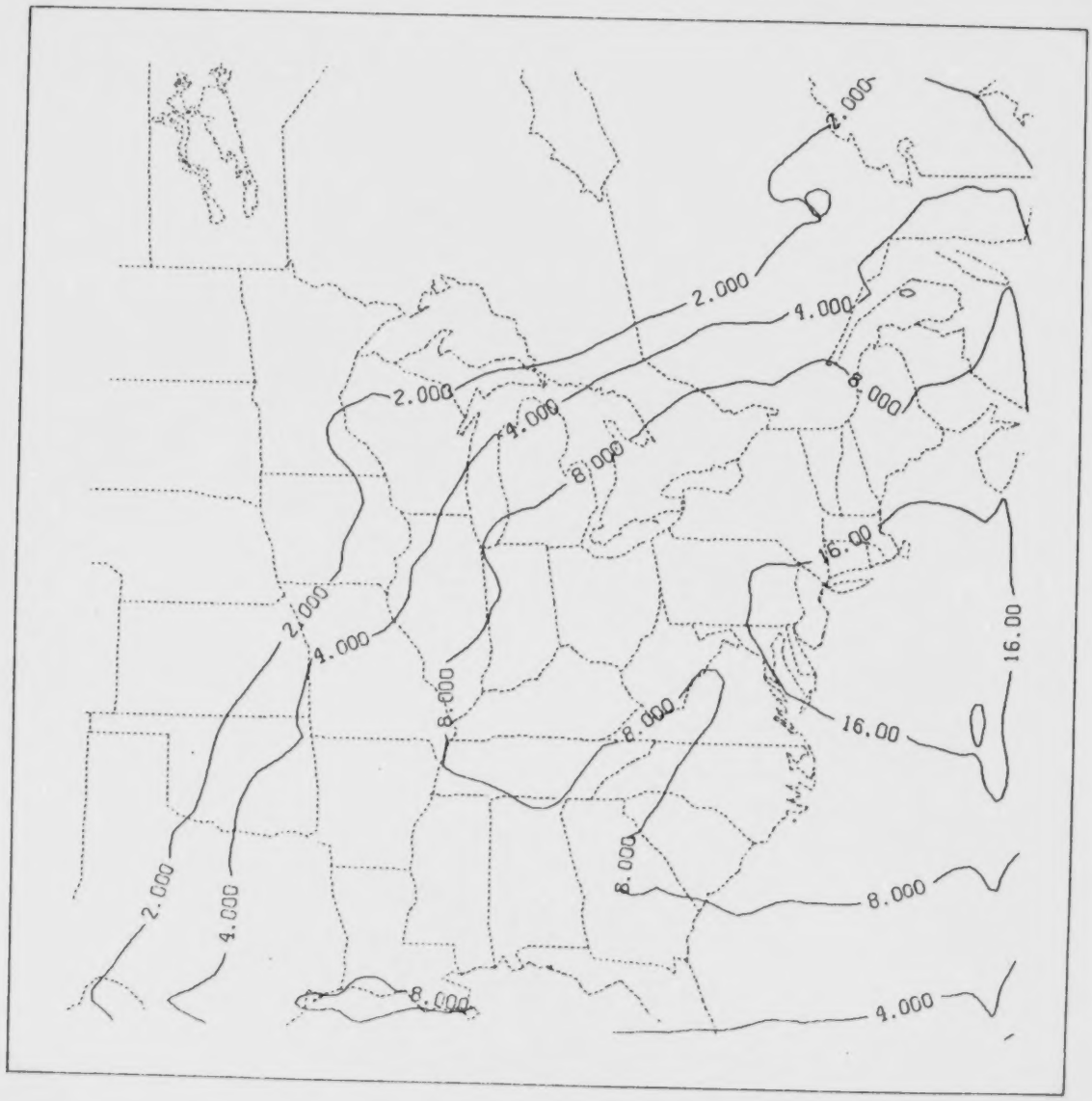


Figure C-10. HNO_3 Concentration ($\mu g\ m^{-3}$), January 1977.

C10

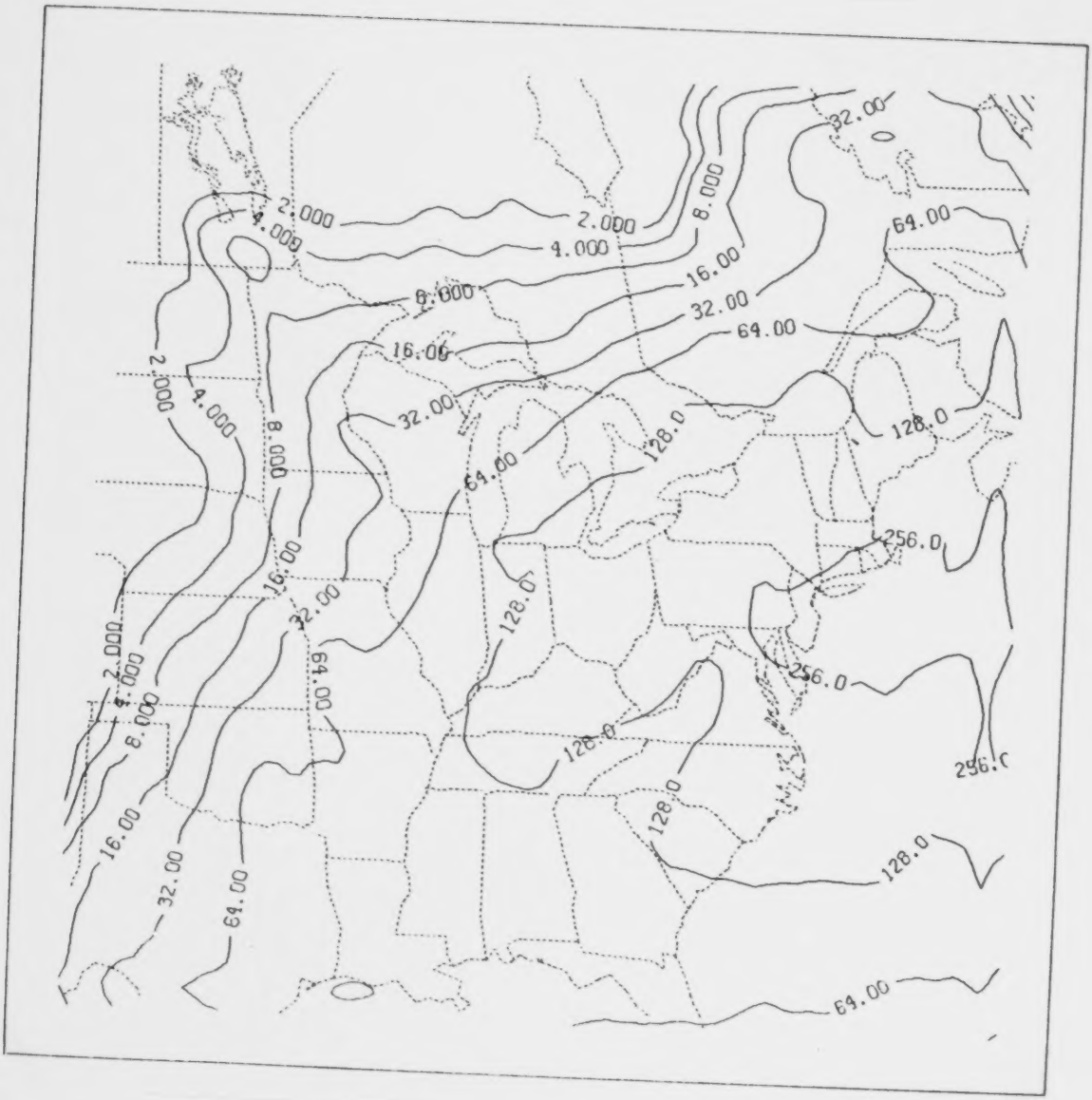


Figure C-11. HNO_3 Dry Deposition (mg m^{-2}), January 1977.

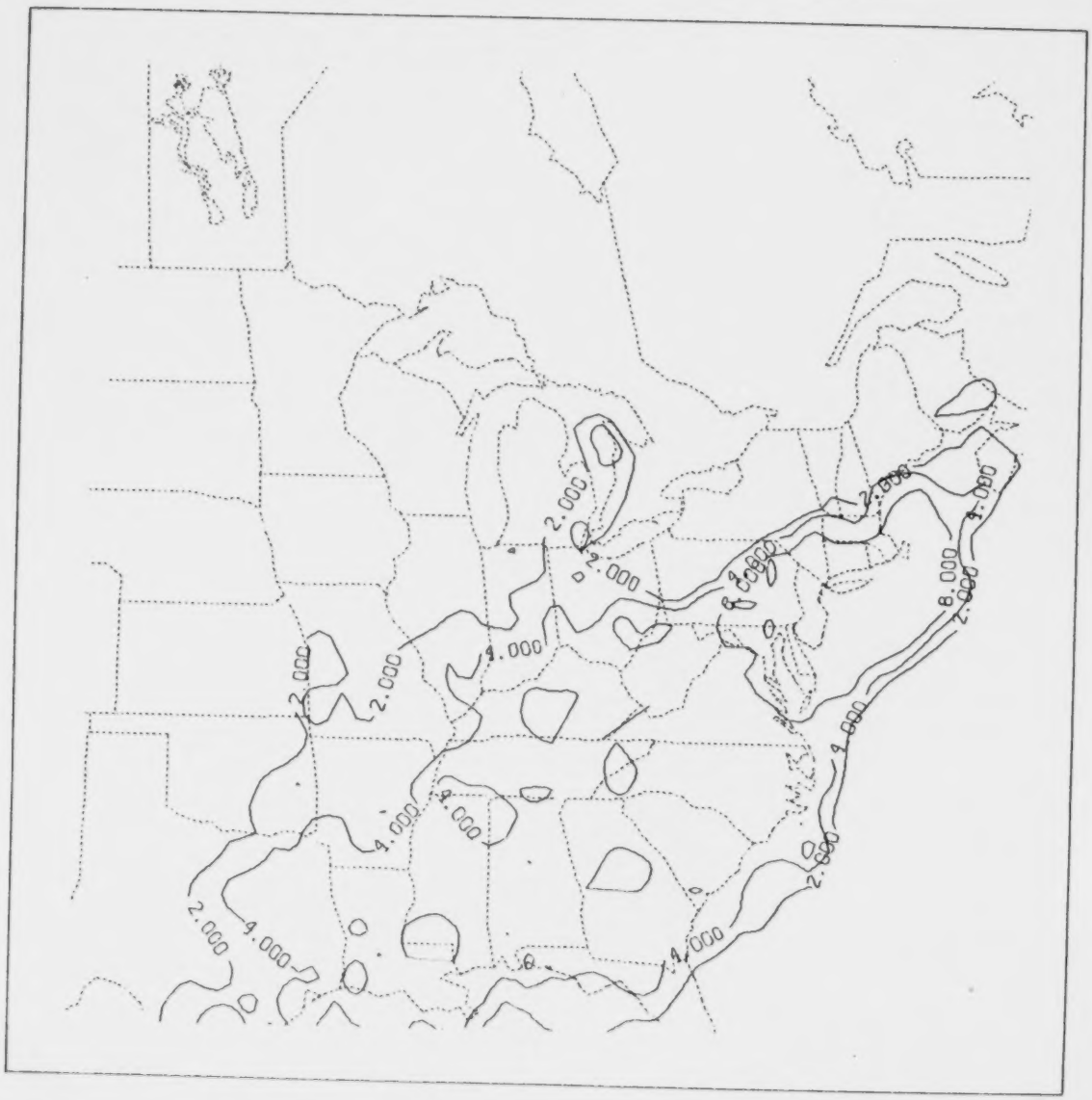


Figure C-12. HNO_3 Wet Deposition (mg m^{-2}), January 1977.

C14

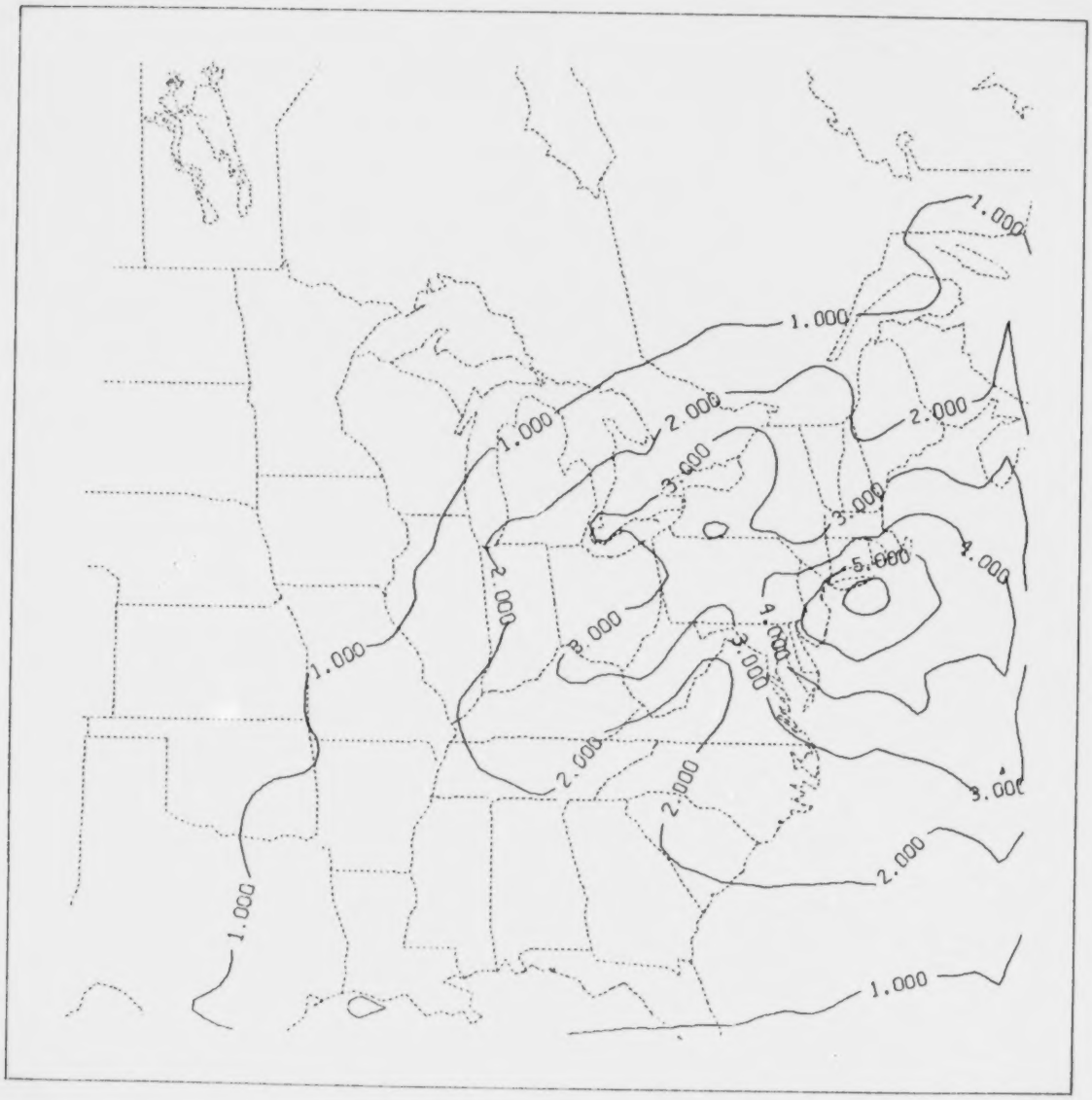


Figure C-13. NO_3^- Concentration ($\mu m\ m^{-3}$), January 1977.

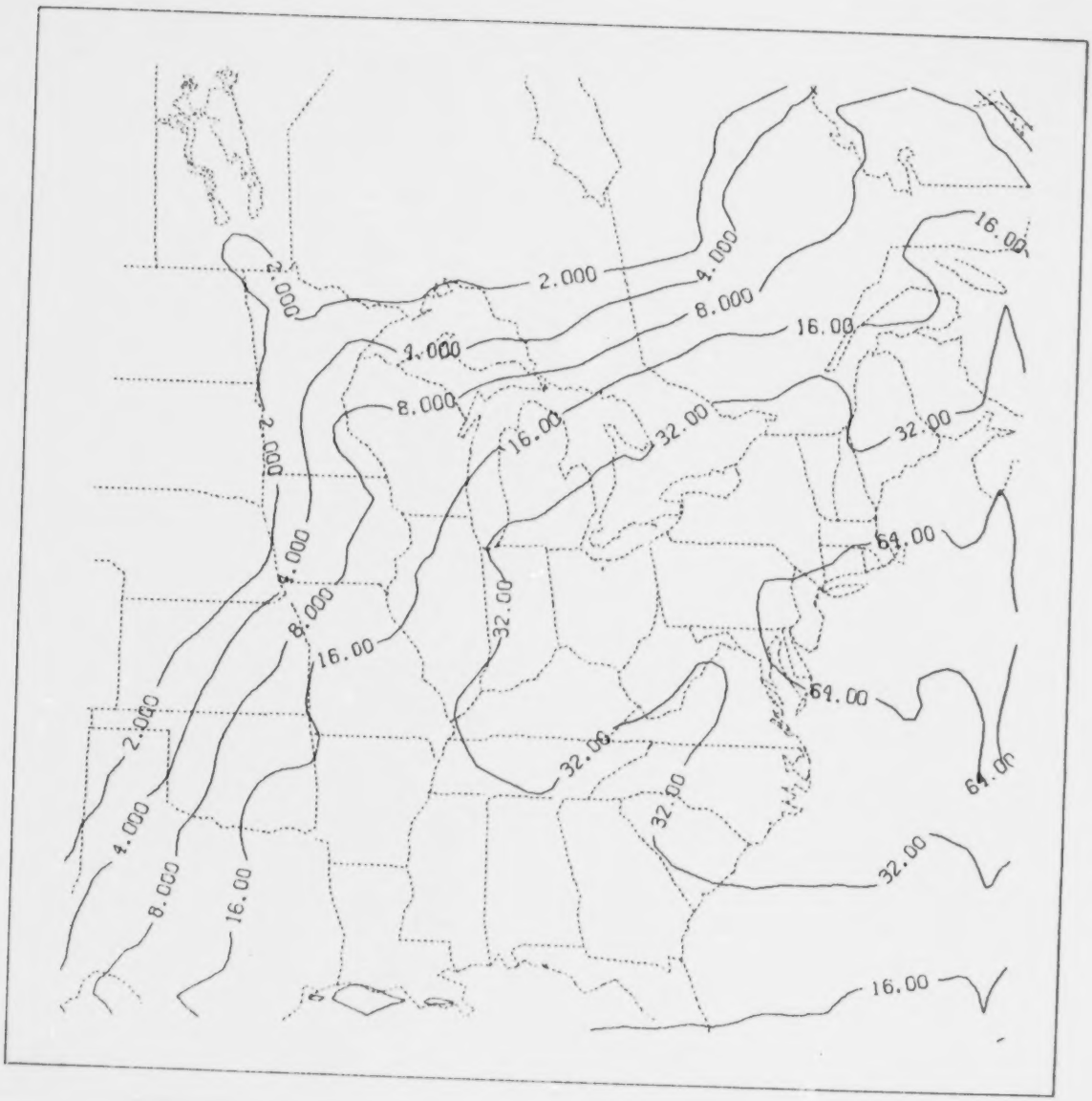


Figure C-14. NO_3^- Dry Deposition (mg m^{-2}), January 1977.

C14

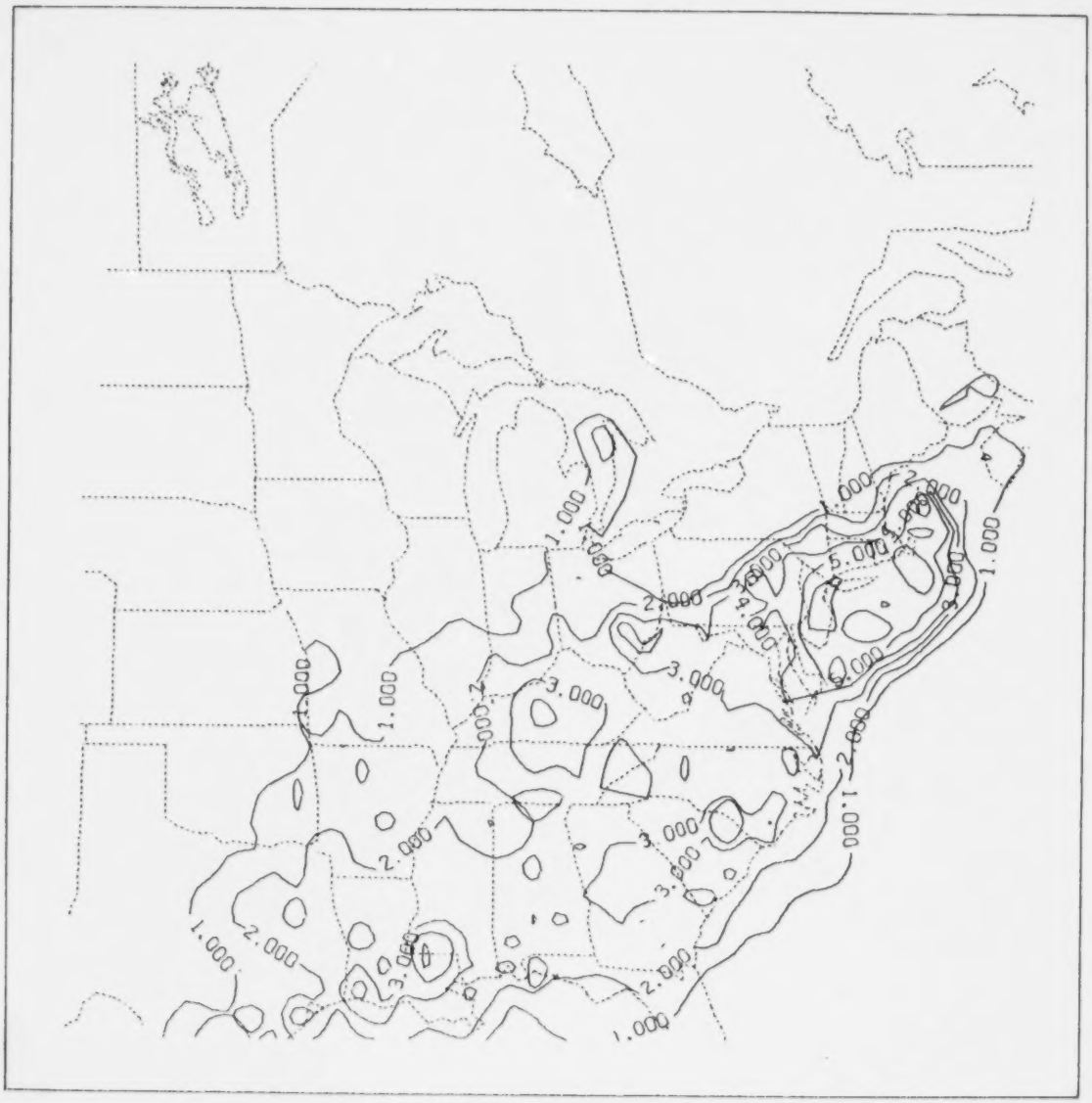


Figure C-15. NO_3^- Wet Deposition (mg m^{-2}), January 1977.

Figure C-16. NO Concentration ($\mu g\ m^{-3}$), August 1977.

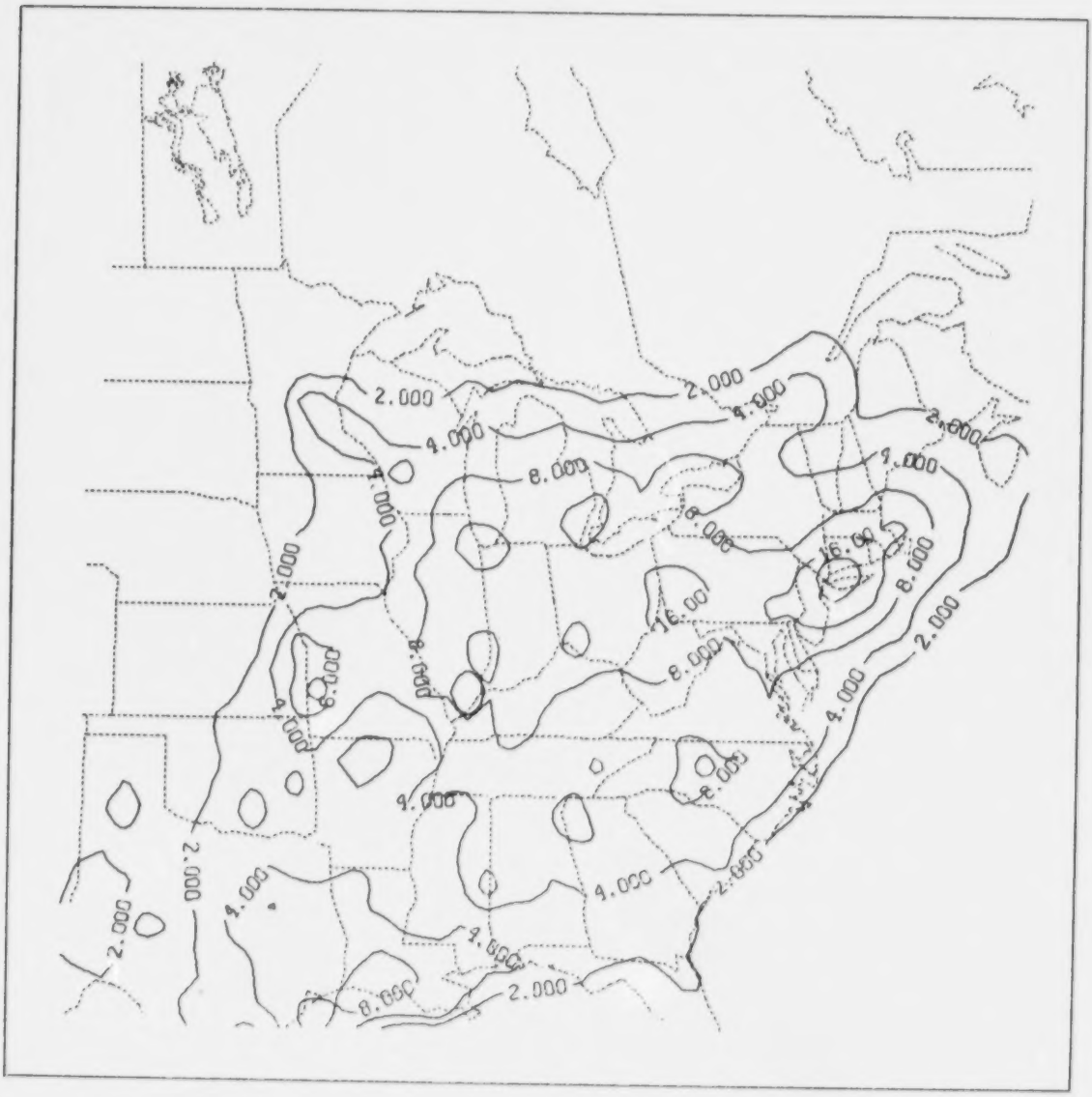


Figure C-17. NO Dry Deposition (mg m^{-2}), August 1977.

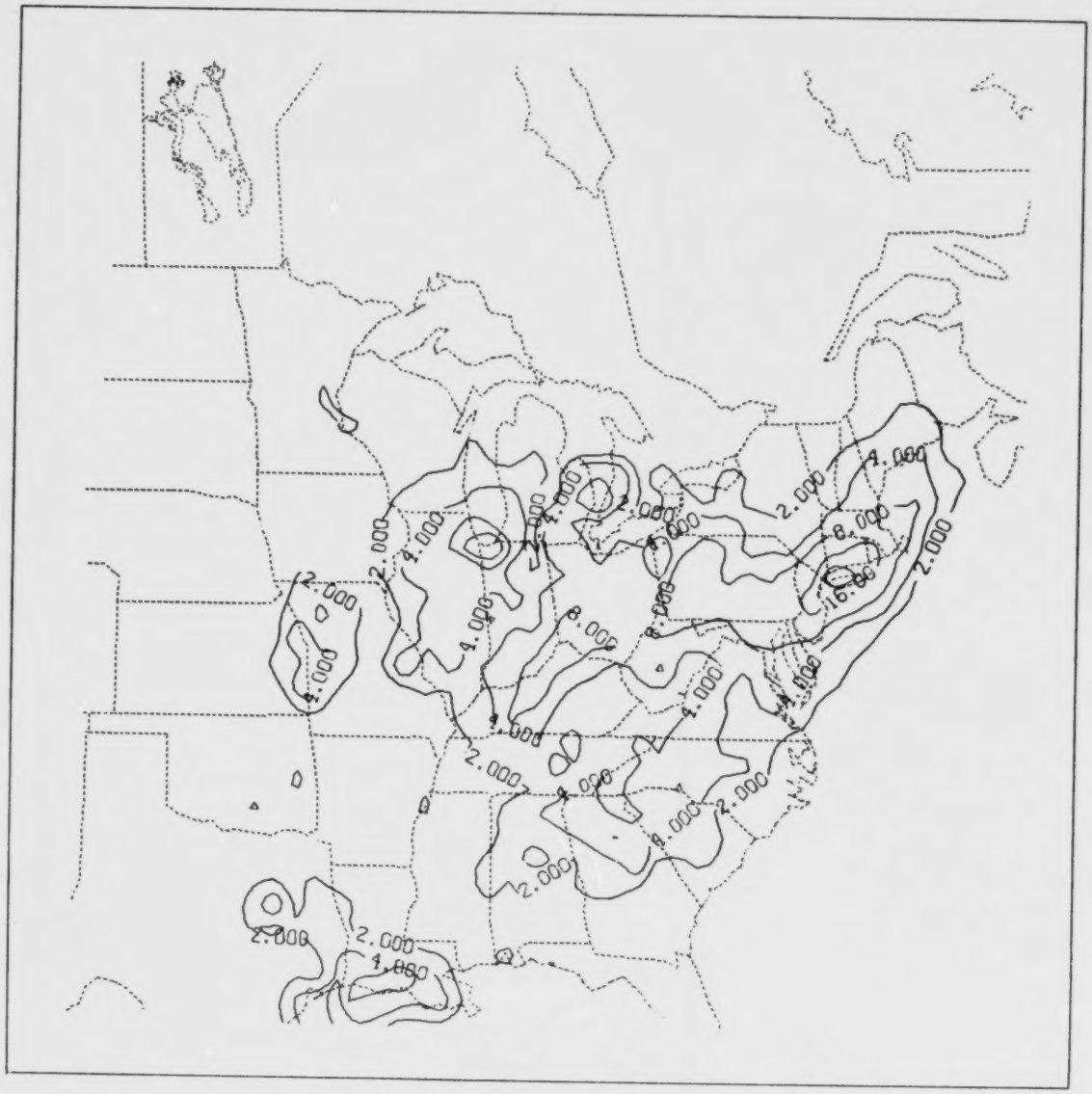


Figure C-18. NO Wet Deposition (mg m^{-2}), August 1977.

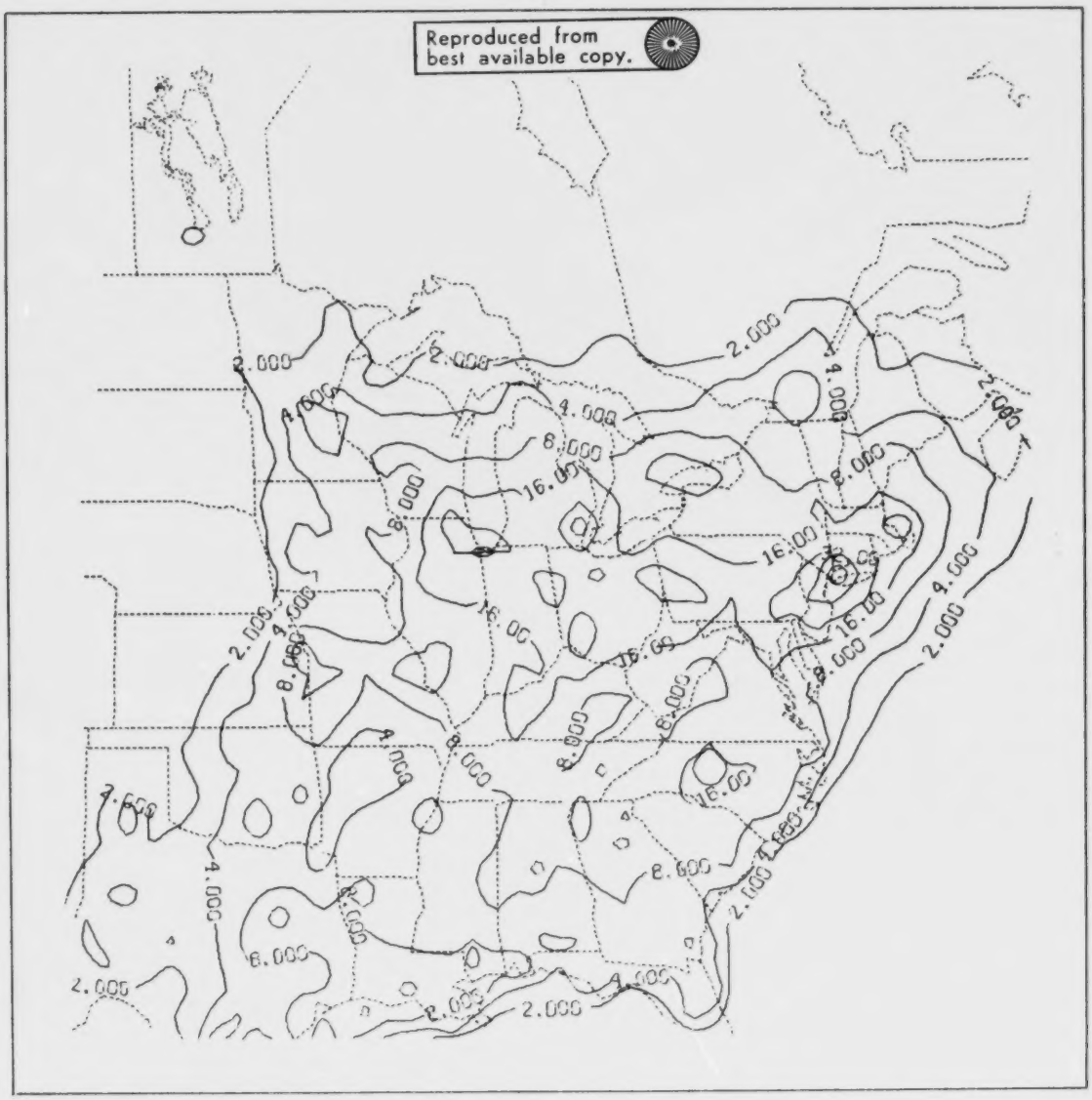


Figure C-19. NO_2 Concentration ($\mu g\ m^{-3}$), August 1977.

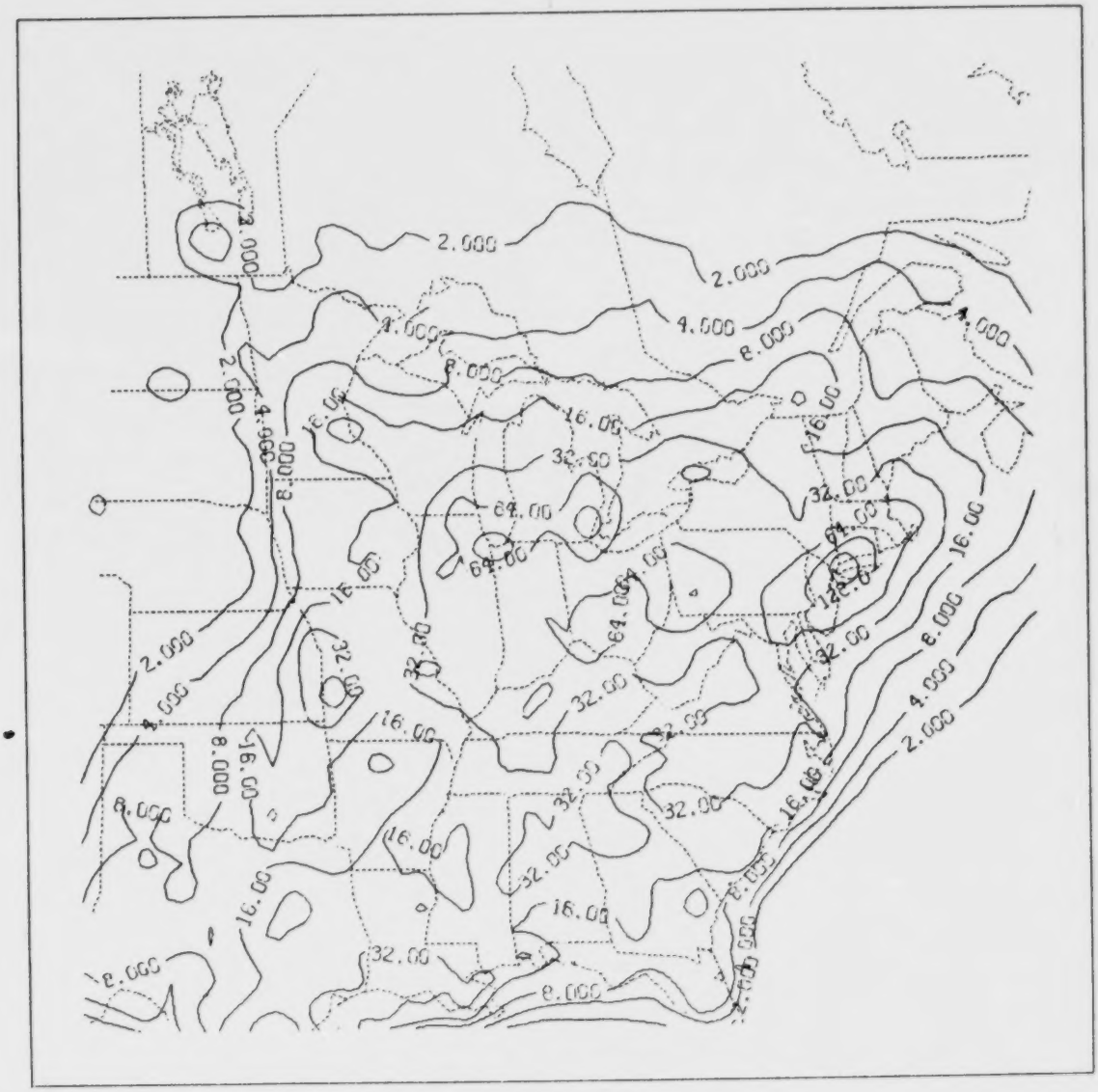


Figure C-20. NO_2 Dry Deposition (mg m^{-2}), August 1977.

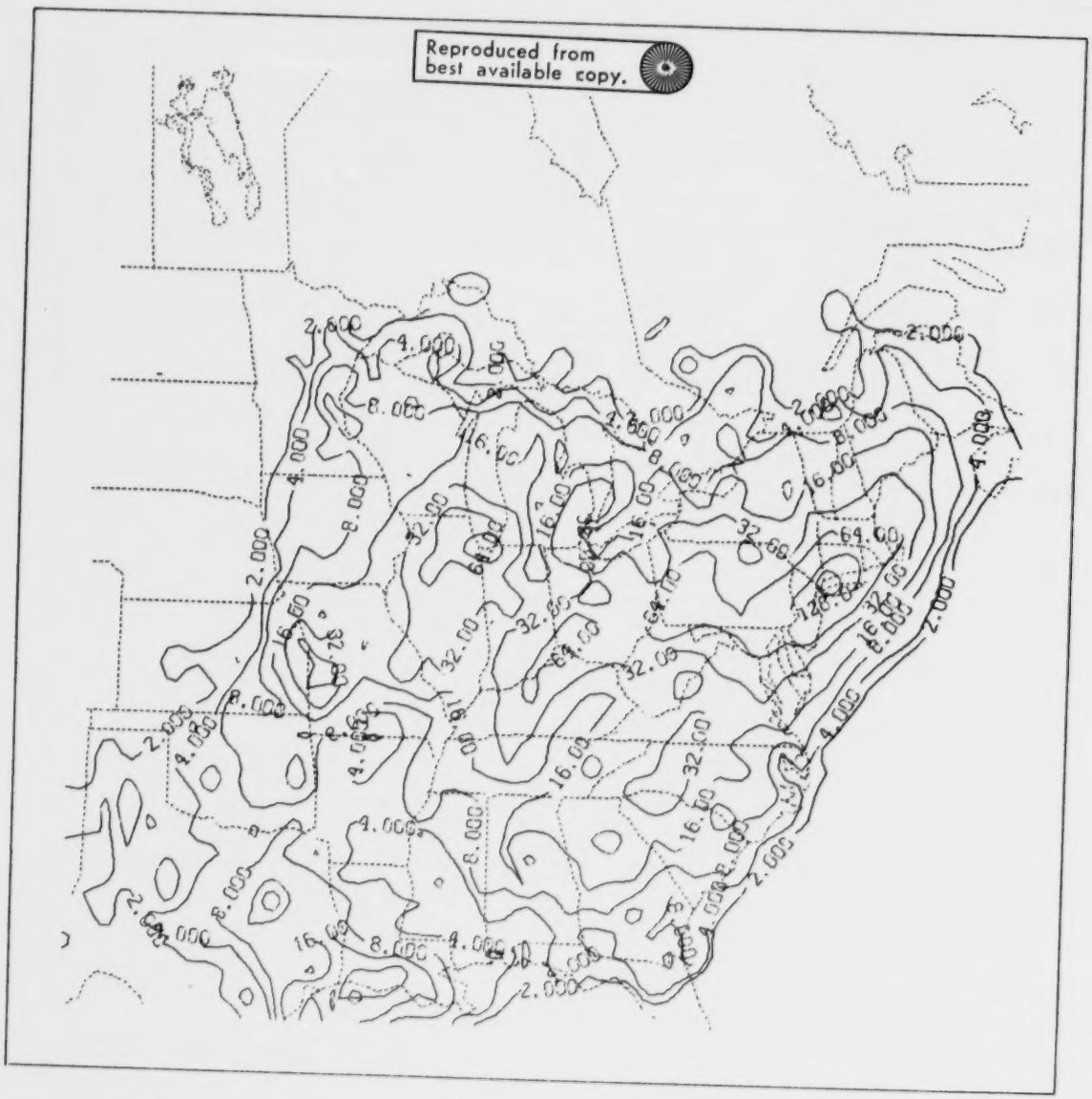


Figure C-21. NO_2 Wet Deposition (mg m^{-2}), August 1977.

Figure C-22. PAN Concentration (μg m^{-3}), August 1977.

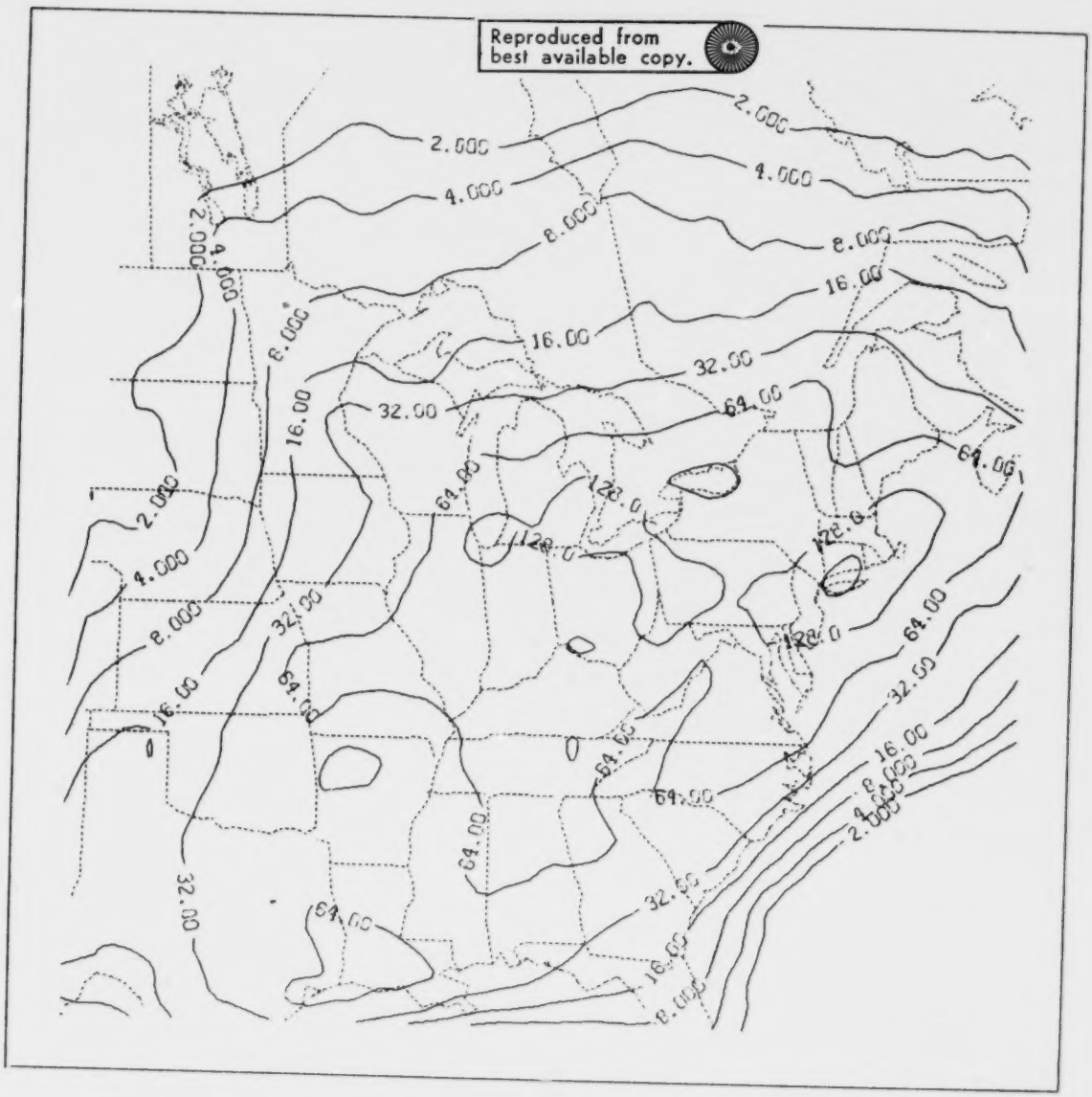


Figure C-23. PAN Dry Deposition (mg m^{-2}), August 1977.

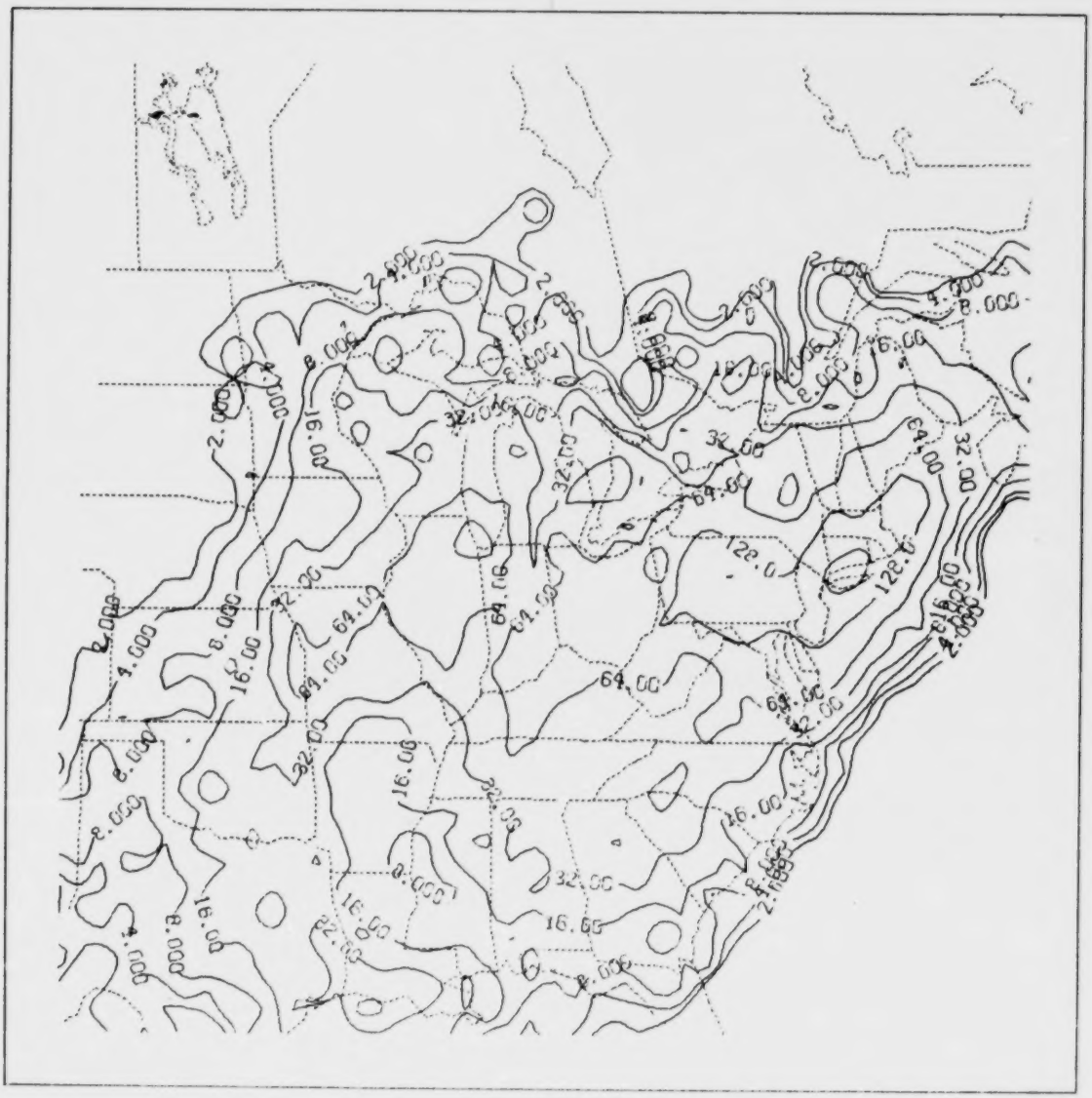


Figure C-24. PAN Wet Deposition (mg m^{-2}), August 1977.

Figure C-25. HNO_3 Concentration ($\mu g\ m^{-3}$), August 1977.

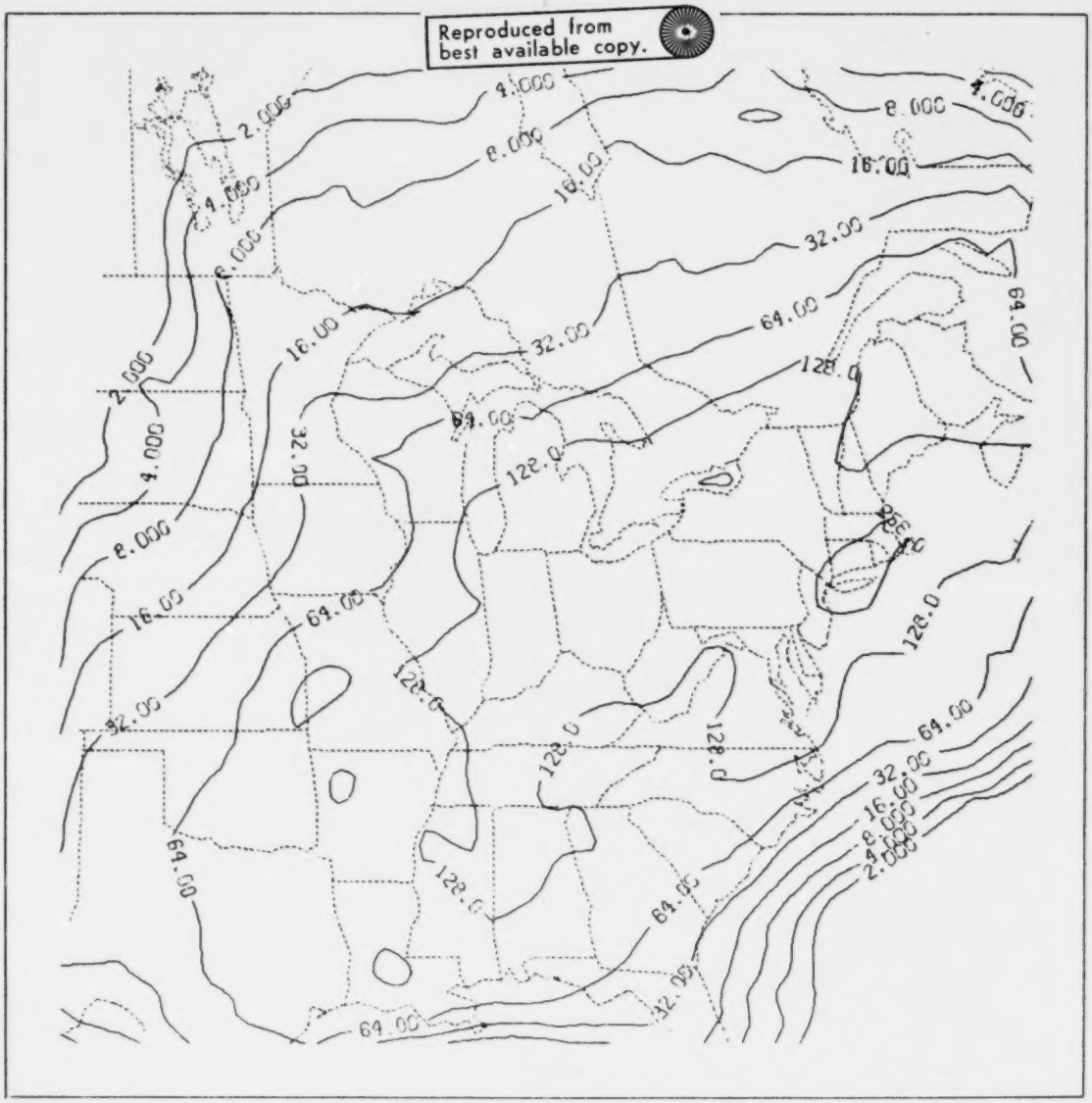


Figure C-26. HNO_3 Dry Deposition (mg m^{-2}), August 1977.

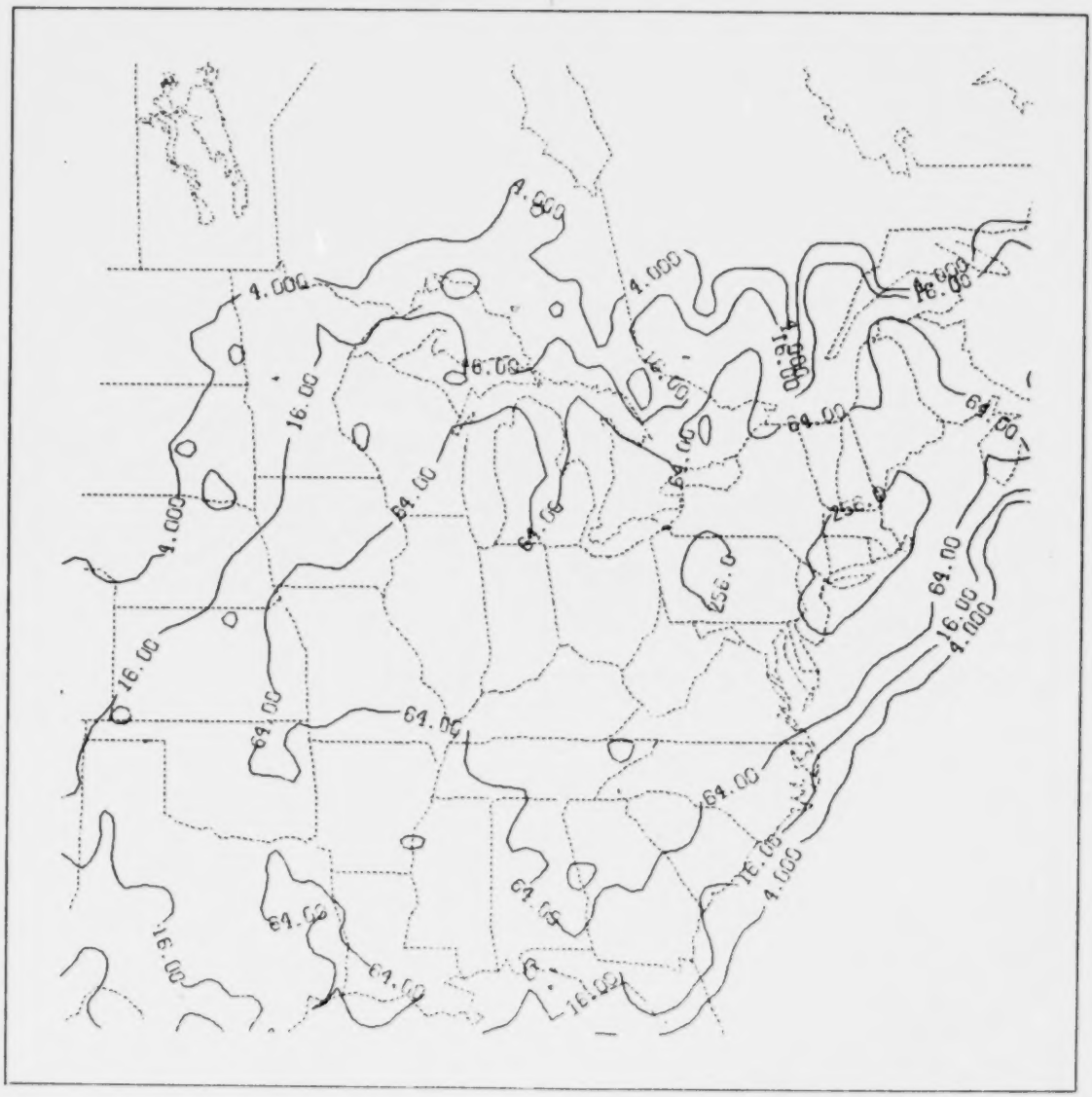


Figure C-27. HNO_3 Wet Deposition (mg m^{-2}), August 1977.

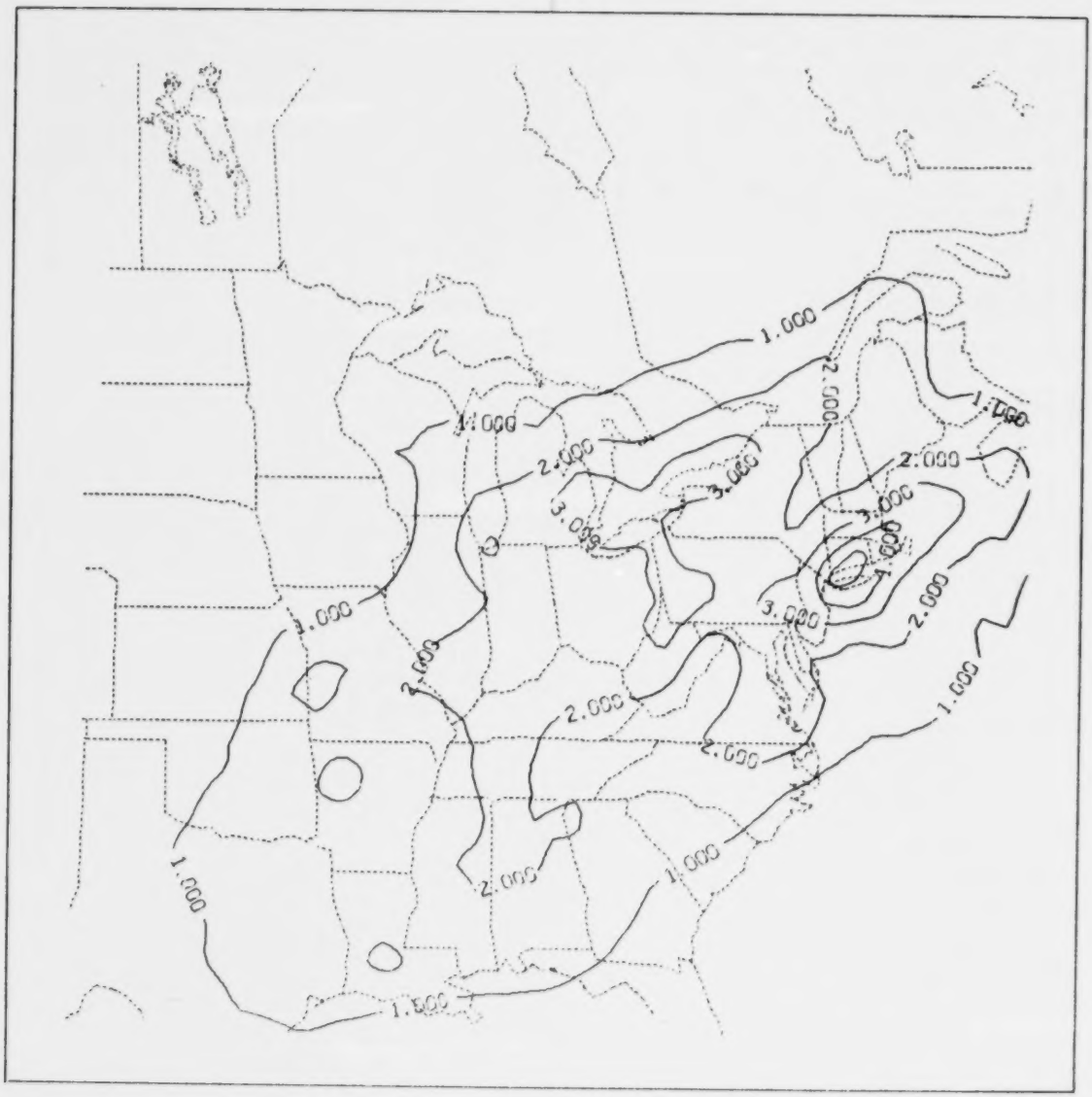


Figure C-28. NO_3^- Concentration ($\mu g\ m^{-3}$), August 1977.

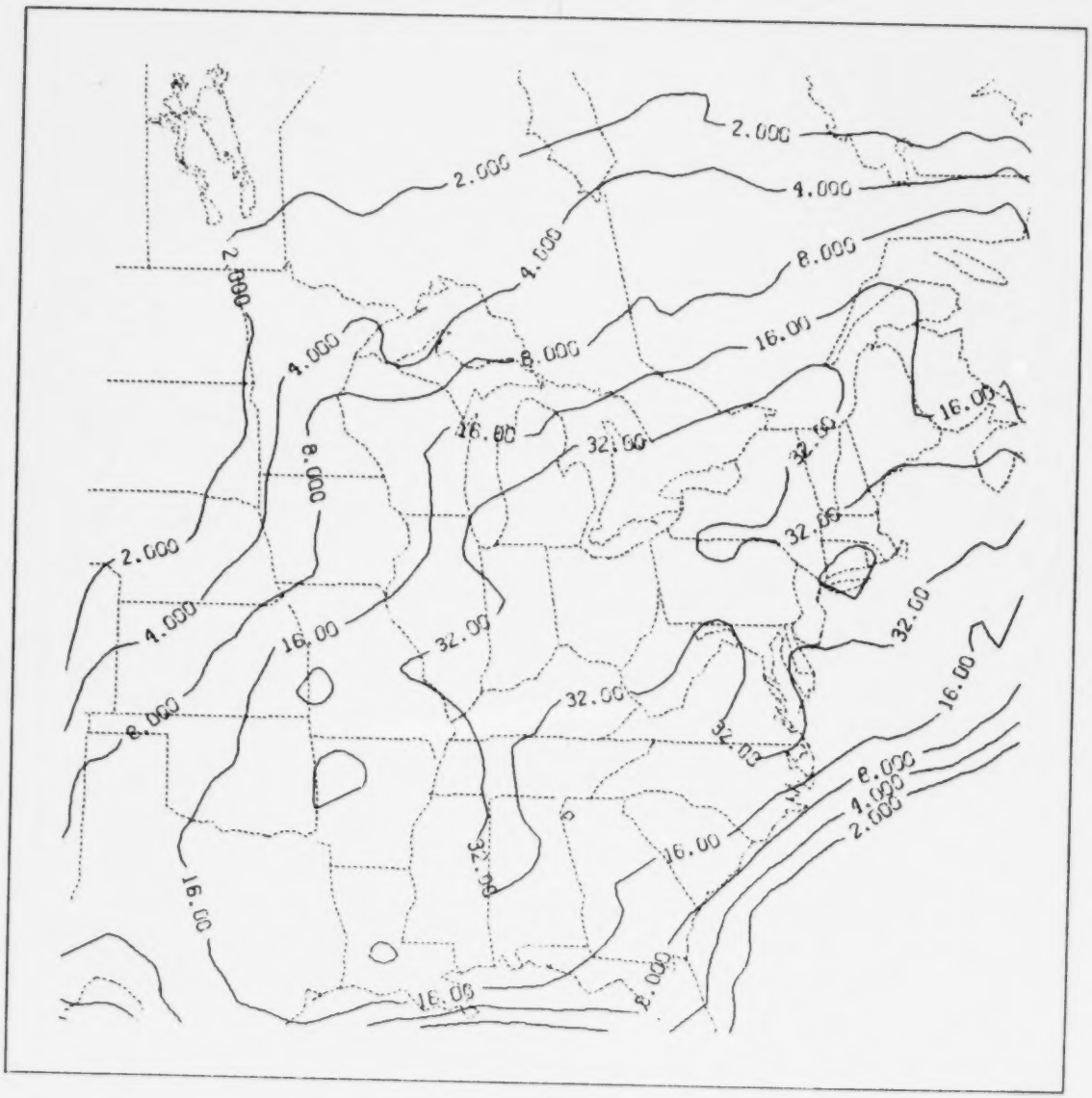


Figure C-29. NO_3^- Dry Deposition (mg m^{-2}), August 1977.

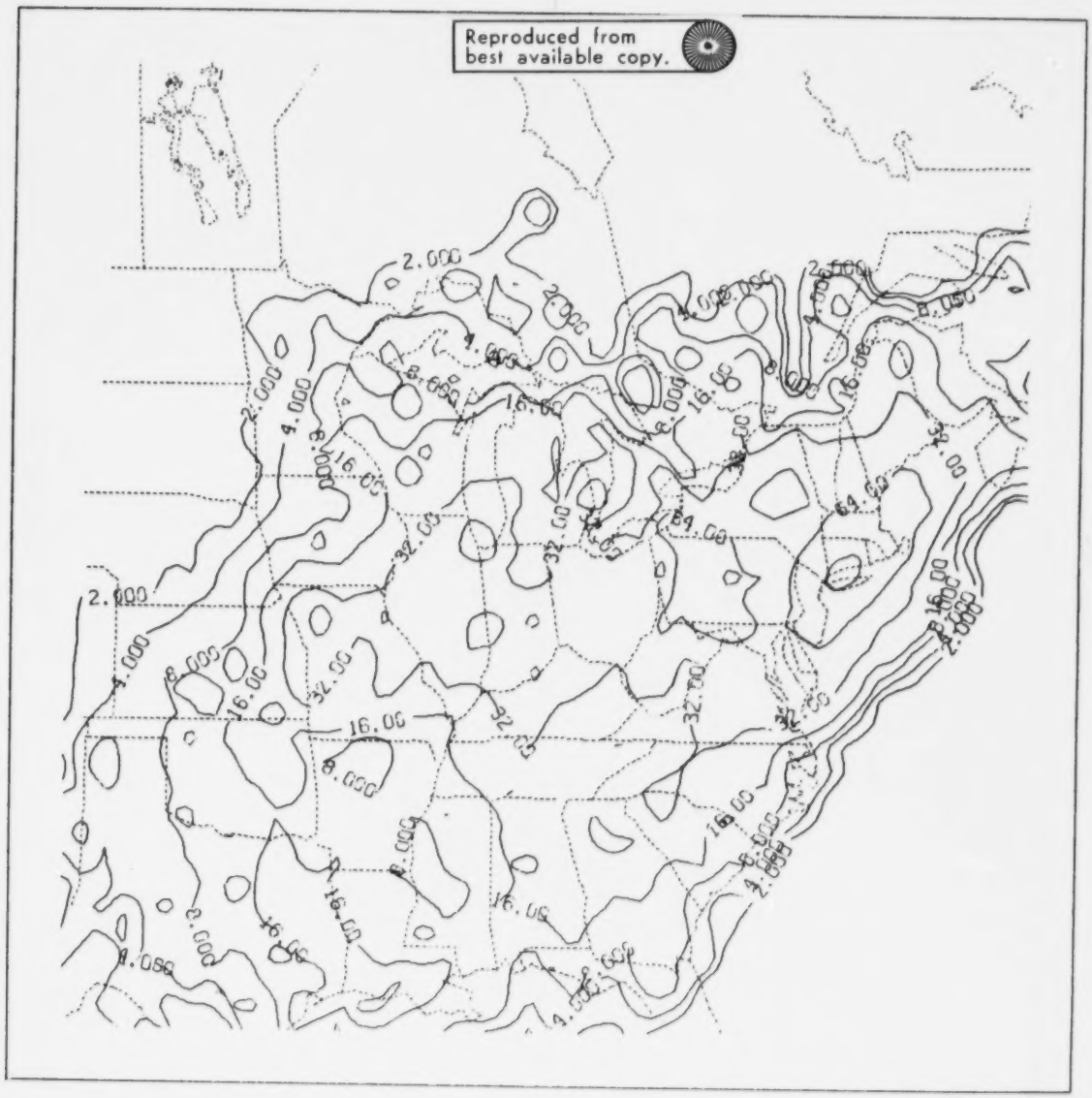


Figure C-30. NO_3^- Wet Deposition (mg m^{-2}), August 1977.

Appendix D

INTERREGIONAL EXCHANGE TABLES FOR NITROGEN COMPOUNDS

TABLE D-1. ENAMAP-2N NO CONCENTRATION FOR JANUARY 1977

EMITTER REGION	TOTAL	CONTRIBUTIONS TO NO CONCENTRATIONS WITHIN RECEPTOR REGIONS														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	.5	.0	0.	.0	.1	.2	.0	.0	0.	0.	.0	.0	0.	0.	0.	0.
2 ARKANSAS	.0	.2	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5 FLORIDA	.0	0.	0.	0.	.1	.0	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
6 GEORGIA	.1	0.	0.	.0	.1	.5	0.	0.	0.	0.	0.	.0	0.	0.	0.	0.
7 ILLINOIS	.0	.0	0.	.0	.0	.0	.6	.4	.0	.0	.2	.0	.0	.0	.0	0.
8 INDIANA	.0	.0	0.	.1	.0	.0	.1	1.2	.0	0.	.3	0.	.0	.0	.0	0.
9 IOWA	.0	.0	0.	.0	.0	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0
10 KANSAS	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
11 KENTUCKY	.0	.0	0.	.1	.0	.0	.0	.0	.1	0.	0.	.7	.0	.0	.0	0.
12 LOUISIANA	.0	.0	0.	.0	.0	.0	0.	0.	0.	.0	.0	.0	.7	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
14 MICHIGAN	0.	0.	0.	.0	0.	0.	.0	.1	.0	0.	0.	.0	0.	.1	.6	.0
15 MINNESOTA	.0	.0	0.	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2
16 MISS.	.0	.0	0.	.0	.0	.0	.0	0.	0.	0.	.0	.1	.0	0.	0.	0.
17 MISSOURI	.0	.1	0.	.0	.0	.0	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 NEW JERSEY	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
23 NEW YORK	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24 N CARCLINA	.0	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	.0	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.0	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.
26 OHIO	0.	0.	0.	.2	0.	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 OKLAHOMA	.0	.1	.0	.0	.0	.0	.0	.0	0.	0.	.1	0.	.0	.0	.0	0.
28 PENN.	0.	0.	0.	.7	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0	.0	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	.0	0.	.0	.0	.0	0.
30 S CARCLINA	.0	.0	0.	.0	.0	.1	.4	.3	.0	.0	.1	.0	.0	.0	0.	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	0.
32 TENNESSEE	.1	.0	0.	.0	.0	.1	.0	.0	0.	0.	.1	.0	.0	.0	.0	.0
33 TEXAS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	0.	0.
34 VIRGINIA	0.	0.	0.	.2	.0	.0	0.	0.	0.	0.	.0	.0	.1	.0	0.	0.
35 W VIRGINIA	0.	0.	0.	.5	.0	.0	0.	0.	0.	0.	.0	0.	.0	.0	0.	0.
36 WISCONSIN	.0	.0	0.	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	.0	0.	0.	0.	.0	0.	0.	0.
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	.0	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	.0	0.	0.
TOTAL UG/M3	.9	.7	.0	2.5	.5	.9	1.5	2.3	.4	.2	1.7	1.0	.6	1.1	.2	0.

TABLE D-1. ENAMAP-2N NO CONCENTRATION FOR JANUARY 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO CONCENTRATIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	.1	.0	0.	0.	0.	.0	0.	.0	.0	0.	0.	0.	0.	.0	.1
2 ARKANSAS	.1	.0	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	0.	.0	.1	0.	.0	.0	0.	.0	0.	.0	.0	0.
5 FLORIDA	.0	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	.0
6 GEORGIA	.0	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.2
7 ILLINOIS	.0	.1	0.	.0	.0	.0	0.	.0	.0	0.	.1	.0	.0	.0	.0
8 INDIANA	.0	.0	0.	0.	.1	.1	0.	.1	.0	0.	.6	0.	.1	.1	.0
9 IOWA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
10 KANSAS	.0	.4	0.	.0	.0	.0	.0	.0	.0	0.	.0	.1	.0	.0	.0
11 KENTUCKY	.0	.0	0.	0.	.0	.1	0.	.0	.1	0.	.2	0.	.1	.0	.0
12 LOUISIANA	.1	.0	0.	0.	0.	.0	0.	.0	.0	0.	0.	.0	.0	.0	.0
13 MAINE	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	0.	.0	0.	0.	.1	.1	0.	.2	.0	0.	.3	0.	.1	.1	.0
15 MINNESOTA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 MISS.	.2	.0	0.	0.	.0	.0	0.	.0	.0	0.	0.	.0	.0	.0	.0
17 MISSOURI	.0	.5	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	.2	.0	0.	.0	0.	0.	0.	0.	.0	.3	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	1.5	0.	.0	.0	0.	0.	0.	.1	.0	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	.2	1.6	0.	.9	0.	0.	.0	0.	.1	1.2	0.
24 N CAROLINA	0.	0.	0.	0.	0.	.0	0.	.0	.6	0.	0.	0.	.0	.0	.3
25 N DAKOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	0.	0.	0.	.1	.2	0.	.2	.0	0.	1.0	0.	.6	.1	.0
27 OKLAHOMA	.0	.1	0.	.0	.0	.0	.0	.0	.0	0.	.0	.2	.0	.0	.0
28 PENN.	0.	0.	0.	0.	.0	1.0	0.	.2	.0	0.	.0	0.	1.0	.2	0.
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.6	0.
30 S CAROLINA	.0	.0	0.	0.	.0	.0	0.	.0	.1	0.	.1	0.	.0	.0	.4
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.1	.0	0.	0.	.0	.0	0.	.0	.2	0.	.0	0.	.0	.0	.1
33 TEXAS	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.1	.0	.0	.0
34 VIRGINIA	0.	0.	0.	0.	.0	.0	0.	.0	.3	0.	.0	0.	.0	.0	.0
35 W VIRGINIA	0.	0.	0.	0.	.0	.2	0.	.0	.0	0.	.1	0.	.4	.1	.0
36 WISCONSIN	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0	0.
39 ONTARIO	0.	.0	0.	0.	.1	.0	0.	.1	.0	.0	.0	0.	.0	.1	0.
40 QUEBEC	0.	0.	0.	0.	.1	.0	0.	.0	0.	0.	.0	0.	.0	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	.7	1.1	.0	.0	1.0	5.1	.0	2.0	1.3	.0	2.6	.4	2.7	2.9	1.2

TABLE D-1. ENAMAP-2N NO CONCENTRATION FOR JANUARY 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO CONCENTRATIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	0.	.0	.0	.0	.0	0.	0.	.0	0.	0.	0.
2 ARKANSAS	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.1	.0	0.	0.	.0	0.	0.	0.
5 FLORIDA	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	.0	0.	.0	.0	0.	0.	0.	0.	0.	0.
7 ILLINOIS	0.	.1	.0	.0	.1	.0	0.	.0	.0	.0	.0
8 INDIANA	0.	.0	0.	.1	.2	.0	0.	.0	.0	.0	.0
9 IOWA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
10 KANSAS	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
11 KENTUCKY	0.	.2	0.	.2	.3	0.	0.	.0	.0	.0	.0
12 LOUISIANA	0.	.0	.0	.0	.0	0.	0.	.0	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.0	0.	.0	.0
14 MICHIGAN	0.	.0	0.	.0	.0	.0	0.	.0	.1	.0	.0
15 MINNESOTA	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
16 MISS.	0.	.0	.0	.0	.0	0.	0.	.0	0.	0.	0.
17 MISSOURI	0.	.1	.0	.0	.0	.0	0.	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0
21 NEW JERSEY	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	.1	.0	.0	.0
24 N CAROLINA	0.	.0	0.	.1	.0	0.	0.	0.	0.	0.	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	.0	0.	.1	.4	0.	0.	.0	.0	.0	.0
27 OKLAHOMA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	0.
28 PENN.	0.	0.	0.	.0	.1	0.	0.	.0	.0	.0	.0
29 RI/MA/CT	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
30 S CAROLINA	0.	.1	0.	.0	.0	.1	0.	.0	.0	.0	.0
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	0.	.5	.0	.1	.0	0.	0.	.0	0.	0.	0.
33 TEXAS	0.	.0	.4	.0	.0	.0	0.	.0	.0	0.	0.
34 VIRGINIA	0.	.0	0.	.5	.0	0.	0.	.0	0.	0.	0.
35 W VIRGINIA	0.	.0	0.	.2	.7	0.	0.	.0	.0	.0	.0
36 WISCONSIN	0.	.0	.0	.0	.0	.3	0.	.0	.0	.0	.0
37 MANITOBA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.1	.0	.0	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	.0	.1	.0	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	.0	1.2	.5	1.3	1.9	.6	.0	.4	.3	.1	.0

TABLE D-2. ENAMAP-2N NO DRY DEPOSITION FOR JANUARY 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO DRY DEPOSITIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	.3	.0	0.	.0	.1	.1	.0	.0	0.	0.	.0	.0	0.	0.	0.
2 ARKANSAS	.0	.1	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
5 FLORIDA	.0	0.	0.	0.	.1	.0	0.	0.	0.	0.	0.	.0	0.	0.	0.
6 GEORGIA	.0	0.	0.	.0	.1	.4	0.	0.	0.	0.	.0	.0	0.	0.	0.
7 ILLINOIS	.0	.0	0.	.0	.0	.0	.4	.2	.0	.0	.1	.0	.0	.0	0.
8 INDIANA	.0	.0	0.	.0	.0	.0	.1	.5	.0	0.	.2	0.	.0	.1	0.
9 IOWA	.0	.0	0.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
10 KANSAS	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
11 KENTUCKY	.0	.0	0.	.0	.0	.0	.0	.0	0.	0.	.4	.0	.0	.0	0.
12 LOUISIANA	.0	.0	0.	.0	.0	.0	0.	0.	0.	.0	.0	.4	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
14 MICHIGAN	0.	0.	0.	.0	0.	0.	.0	.1	.0	0.	.0	0.	.0	.5	.0
15 MINNESOTA	.0	.0	0.	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2
16 MISS.	.0	.0	0.	.0	.0	.0	.0	0.	0.	0.	.0	.0	.0	0.	0.
17 MISSOURI	.0	.1	0.	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
21 NEW JERSEY	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.
24 N CAROLINA	.0	0.	0.	.0	.0	.0	0.	0.	0.	0.	.0	0.	0.	0.	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	0.	0.	.0	0.	0.	.0	.0	0.	0.	.0	0.	.0	.0	0.
27 OKLAHOMA	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
28 PENN.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	.0	0.	.0	.0	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
30 S CAROLINA	.0	.0	0.	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.1	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.1	.0	0.	.0	.0	.1	.0	.0	0.	0.	.0	.0	.0	0.	0.
33 TEXAS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	0.	0.
34 VIRGINIA	0.	0.	0.	.0	.0	.0	0.	0.	0.	0.	.0	0.	.0	0.	0.
35 W VIRGINIA	0.	0.	0.	.1	.0	.0	0.	0.	0.	0.	.0	0.	.0	0.	0.
36 WISCONSIN	.0	.0	0.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	.0	0.	.0	0.	.0	.0	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.5	.5	.0	.5	.2	.7	1.0	1.1	.4	.2	.9	.7	.3	.8	.3

TABLE D-2. ENAMAP-2N NO DRY DEPOSITION FOR JANUARY 1977 (continued)

EMITTER REGION	TOTAL	CONTRIBUTIONS TO NO DRY DEPOSITIONS WITHIN RECEPTOR REGIONS														
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	.1	.0	0.	0.	0.	.0	0.	.0	.0	0.	0.	0.	0.	.0	.0
2 ARKANSAS	.0	.0	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	0.
5 FLORIDA	.0	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	.0
6 GEORGIA	.0	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.1
7 ILLINOIS	.0	.1	0.	.0	.0	.0	0.	.0	.0	0.	.1	.0	.0	.0	.0
8 INDIANA	.0	.0	0.	0.	.0	.0	0.	.1	.0	0.	.4	0.	.1	.0	.0
9 IOWA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
10 KANSAS	.0	.3	0.	.0	.0	.0	.0	.0	.0	0.	.0	.1	.0	.0	.0
11 KENTUCKY	.0	.0	0.	0.	.0	.0	0.	.0	.1	0.	.1	0.	.0	.0	.0
12 LOUISIANA	.1	.0	0.	0.	0.	.0	0.	.0	.0	0.	0.	.0	.0	.0	.0
13 MAINE	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	0.	.0	0.	0.	.0	.0	0.	.1	.0	0.	.1	0.	.1	.0	.0
15 MINNESOTA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 MISS.	.1	.0	0.	0.	.0	.0	0.	.0	.0	0.	0.	.0	.0	.0	.0
17 MISSOURI	.0	.4	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.1	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	.2	0.	.0	.0	0.	0.	0.	.0	.0	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	.1	.2	0.	.6	0.	0.	.0	0.	.1	.2	0.
24 N CAROLINA	0.	0.	0.	0.	0.	.0	0.	.0	.4	0.	0.	0.	.0	.0	.1
25 N DAKOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	0.	0.	0.	.0	.0	0.	.1	.0	0.	.6	0.	.3	.0	.0
27 OKLAHOMA	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.2	.0	.0	.0
28 PENN.	0.	0.	0.	0.	.0	.1	0.	.1	.0	0.	.0	0.	.5	.0	0.
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.1	0.
30 S CAROLINA	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.1	0.	.0	.0	.2
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.1	.0	0.	0.	.0	.0	0.	.0	.1	0.	.0	0.	.0	.0	.0
33 TEXAS	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.1	.0	.0	.0
34 VIRGINIA	0.	0.	0.	0.	.0	.0	0.	.0	.2	0.	.0	0.	.0	.0	.0
35 W VIRGINIA	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.1	0.	.2	.0	.0
36 WISCONSIN	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0	0.
39 ONTARIO	0.	.0	0.	0.	.0	.0	0.	.1	.0	.0	.0	0.	.0	.0	0.
40 QUEBEC	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	.0	0.	.0	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.5	.9	.0	.0	.3	.6	.0	1.3	.9	.0	1.5	.3	1.3	.6	.5

TABLE D-2. ENAMAP-2N NO DRY DEPOSITION FOR JANUARY 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO DRY DEPOSITIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	0.	.0	.0	.0	.0	0.	0.	.0	0.	0.	0.
2 ARKANSAS	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
5 FLORIDA	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	.0	0.	.0	.0	0.	0.	0.	0.	0.	0.
7 ILLINOIS	0.	.1	.0	.0	.0	.0	0.	.0	.0	.0	.0
8 INDIANA	0.	.0	0.	.0	.1	.0	0.	.0	.0	.0	.0
9 IOWA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
10 KANSAS	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
11 KENTUCKY	0.	.1	0.	.1	.1	0.	0.	.0	.0	.0	.0
12 LOUISIANA	0.	.0	.1	.0	.0	0.	0.	.0	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
14 MICHIGAN	0.	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0
15 MINNESOTA	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
16 MISS.	0.	.0	.0	.0	.0	0.	0.	.0	0.	0.	0.
17 MISSOURI	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0
21 NEW JERSEY	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	.0	.1	.0	.0
24 N CARCLINA	0.	.0	0.	.0	.0	0.	0.	.0	0.	0.	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	.0	0.	.0	.2	0.	0.	.0	.1	.0	.0
27 OKLAHOMA	.0	.0	.1	.0	.0	.0	0.	.0	.0	.0	0.
28 PENN.	0.	0.	0.	.0	.0	0.	0.	.0	.0	.0	.0
29 RI/MA/CT	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
30 S CAROLINA	0.	.0	0.	.0	.0	.0	0.	.0	.1	.0	.0
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	0.	.3	.0	.0	.0	0.	0.	.0	0.	0.	0.
33 TEXAS	0.	.0	1.2	.0	.0	.0	0.	.0	.0	.0	0.
34 VIRGINIA	0.	.0	0.	.2	.0	0.	0.	.0	0.	0.	0.
35 W VIRGINIA	0.	.0	0.	.1	.2	0.	0.	.0	.0	.0	.0
36 WISCONSIN	0.	.0	.0	.0	.0	.2	0.	.0	.1	.0	.0
37 MANITOBA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	.0	.4	.1	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.0	.0	.2	.0
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.0	.6	1.4	.6	.7	.5	.0	.3	1.7	.6	.0

TABLE D-3. ENAMAP-2N NO WET DEPOSITION FOR JANUARY 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO WET DEPOSITIONS WITHIN RECEPTOR REGIONS 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	.0	.0	0.	.0	.0	.0	.0	0.	0.	0.	.0	.0	0.	0.	0.
2 ARKANSAS	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
5 FLORIDA	.0	0.	0.	0.	.0	.0	0.	0.	0.	0.	0.	.0	0.	0.	0.
6 GEORGIA	.0	0.	0.	.0	.0	.0	0.	0.	0.	0.	.0	.0	0.	0.	0.
7 ILLINOIS	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
8 INDIANA	.0	.0	0.	.0	.0	.0	.0	.0	0.	0.	.0	0.	.0	.0	0.
9 IOWA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 KANSAS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
11 KENTUCKY	.0	.0	0.	.0	.0	.0	.0	.0	0.	0.	.0	.0	.0	.0	0.
12 LOUISIANA	.0	.0	0.	.0	.0	.0	0.	0.	0.	0.	.0	.0	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
14 MICHIGAN	0.	0.	0.	.0	0.	0.	.0	.0	.0	0.	.0	0.	.0	.0	.0
15 MINNESOTA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 MISS.	.0	.0	0.	.0	.0	.0	.0	0.	0.	0.	.0	.0	.0	0.	0.
17 MISSOURI	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
21 NEW JERSEY	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.
24 N CARCLINA	.0	0.	0.	.0	.0	.0	0.	0.	0.	0.	.0	0.	0.	0.	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	0.	0.	.0	0.	0.	.0	.0	0.	0.	.0	0.	.0	.0	0.
27 OKLAHOMA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
28 PENN.	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	.0	0.	.0	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
30 S CARCLINA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	.0	0.	.0	.0	.0	.0	.0	0.	0.	.0	.0	.0	0.	0.
33 TEXAS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 VIRGINIA	0.	0.	0.	.0	0.	.0	0.	0.	0.	0.	.0	0.	.0	0.	0.
35 W VIRGINIA	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	.0	0.	.0	0.	0.
36 WISCONSIN	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	.0	0.	.0	0.	.0	.0	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

TABLE D-3. ENAMAP-2N NO WET DEPOSITION FOR JANUARY 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO WET DEPOSITIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	.0	.0	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0
2 ARKANSAS	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	0.
5 FLORIDA	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0
6 GEORGIA	.0	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0
7 ILLINOIS	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
8 INDIANA	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
9 IOWA	.0	.0	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
10 KANSAS	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
11 KENTUCKY	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
12 LOUISIANA	.0	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	.0	.0	0.	.0
13 MAINE	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	0.	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	0.
15 MINNESOTA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
16 MISS.	.0	.0	0.	0.	0.	.0	0.	.0	.0	0.	0.	.0	.0	.0	.0
17 MISSOURI	.0	.0	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.0	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.0	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	.0	0.	.0	.0	0.
24 N CAROLINA	0.	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	.0	.0	.0
25 N DAKOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
27 OKLAHOMA	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
28 PENN.	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	0.
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.0	0.
30 S CAROLINA	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
31 S DAKOTA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
33 TEXAS	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
34 VIRGINIA	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
35 W VIRGINIA	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
36 WISCONSIN	0.	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0	0.	.0	.0	0.
38 N BRUNS	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0	0.
39 ONTARIO	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	.0	0.	.0	.0	0.
40 QUEBEC	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

TABLE D-3. ENAMAP-2N NO WET DEPOSITION FOR JANUARY 1977 (concluded)

EMITTER REGION	TOTAL 31	CONTRIBUTIONS TO NO WET DEPOSITIONS WITHIN RECEPTOR REGIONS 32	33	34	35	36	37	38	39	40	41
1 ALABAMA	0.	.0	.0	.0	.0	0.	0.	0.	0.	0.	0.
2 ARKANSAS	0.	.0	.0	.0	.0	0.	0.	.0	.0	0.	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
5 FLORIDA	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	.0	0.	.0	.0	0.	0.	0.	0.	0.	0.
7 ILLINOIS	0.	.0	0.	.0	.0	.0	0.	.0	.0	0.	0.
8 INDIANA	0.	.0	0.	.0	.0	.0	0.	.0	.0	0.	0.
9 IOWA	0.	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
10 KANSAS	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
11 KENTUCKY	0.	.0	0.	.0	.0	0.	0.	.0	.0	0.	0.
12 LOUISIANA	0.	.0	.0	.0	.0	0.	0.	.0	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
14 MICHIGAN	0.	0.	0.	.0	.0	.0	0.	.0	.0	0.	0.
15 MINNESOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
16 MISS.	0.	.0	.0	.0	.0	0.	0.	.0	0.	0.	0.
17 MISSOURI	0.	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
21 NEW JERSEY	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	.0	.0	0.	0.
24 N CARCLINA	0.	.0	0.	.0	.0	0.	0.	0.	0.	0.	0.
25 N DAKCTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
26 OHIO	0.	.0	0.	.0	.0	0.	0.	.0	.0	0.	0.
27 OKLAHOMA	0.	.0	.0	.0	.0	0.	0.	.0	.0	0.	0.
28 PENN.	0.	0.	0.	.0	.0	0.	0.	.0	.0	0.	0.
29 RI/MA/CT	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
30 S CAROLINA	0.	.0	0.	.0	.0	.0	0.	.0	.0	0.	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
32 TENNESSEE	0.	.0	.0	.0	.0	0.	0.	.0	0.	0.	0.
33 TEXAS	0.	.0	.0	.0	.0	0.	0.	0.	0.	0.	0.
34 VIRGINIA	0.	.0	0.	.0	.0	0.	0.	.0	0.	0.	0.
35 W VIRGINIA	0.	.0	0.	.0	.0	0.	0.	.0	0.	0.	0.
36 WISCONSIN	0.	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
37 MANITOBA	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
39 ONTARIO	0.	0.	0.	.0	.0	.0	0.	.0	.0	0.	0.
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.

TABLE D-4. ENAMAP-2N NO_2 CONCENTRATION FOR JANUARY 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO_2 CONCENTRATIONS WITHIN RECEPTOR REGIONS 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	4.9	.0	0.	.0	1.1	1.2	.0	.0	0.	0.	.0	.1	0.	0.	0.
2 ARKANSAS	.1	2.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	6.3	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
5 FLORIDA	.0	0.	0.	0.	1.6	.1	0.	0.	0.	0.	.0	.0	0.	0.	0.
6 GEORGIA	.4	0.	0.	.0	1.1	5.0	0.	0.	0.	0.	.0	.0	0.	0.	0.
7 ILLINOIS	.1	.1	0.	.2	.0	.1	6.1	2.8	.2	.0	1.4	.0	.1	.2	0.
8 INDIANA	.0	.0	0.	.7	.0	.0	.9	12.3	.0	0.	2.6	0.	.2	1.0	0.
9 IOWA	.0	.0	0.	.0	.0	.0	.4	.2	2.0	.0	.1	.0	.0	.1	.2
10 KANSAS	.1	1.1	.0	.0	.0	.0	.2	.1	.1	1.0	.2	.2	.0	.0	.0
11 KENTUCKY	.1	.0	0.	.8	.0	.1	.0	.5	0.	0.	6.7	.0	.0	.0	0.
12 LOUISIANA	.3	.3	0.	.0	.2	.1	0.	0.	0.	.0	.0	6.0	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1	0.	0.
14 MICHIGAN	0.	0.	0.	.1	0.	0.	.2	.8	.0	0.	.0	0.	.5	8.1	.0
15 MINNESOTA	.0	.0	0.	.0	.0	.0	.2	.1	.6	.0	.0	.0	.0	.3	1.8
16 MISS.	.3	.1	0.	.0	.1	.1	.0	0.	0.	0.	.0	.5	.0	0.	0.
17 MISSOURI	.2	.5	0.	.1	.0	.1	1.4	.4	.4	.4	.6	.1	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
21 NEW JERSEY	0.	0.	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.5	.0	0.
24 N CARCLINA	.0	0.	0.	.1	.0	.1	0.	0.	0.	0.	.0	0.	0.	0.	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
26 OHIO	0.	0.	0.	1.6	0.	0.	.0	.4	0.	0.	.4	0.	.2	.0	0.
27 OKLAHOMA	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.3	.1	.2	.0	.0	0.
28 PENN.	0.	0.	0.	6.9	0.	0.	0.	0.	0.	0.	.0	0.	.1	.0	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
30 S CAROLINA	.1	.0	0.	.1	.1	.6	4.8	2.0	.2	.0	.5	.0	.1	.7	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.7	.2	0.	.1	.1	.6	.0	.0	0.	0.	.7	.0	0.	0.	0.
33 TEXAS	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	1.1	.0	0.	0.
34 VIRGINIA	0.	0.	0.	1.2	.0	.0	0.	0.	0.	0.	.0	0.	.0	0.	0.
35 W VIRGINIA	0.	0.	0.	2.9	.0	.0	0.	0.	0.	0.	.1	0.	.1	0.	0.
36 WISCONSIN	.0	.0	0.	.0	.0	.0	.5	.4	.1	.0	.0	.0	.1	.9	.1
37 MANITOBA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	.0	0.	.0	0.	.4	.2	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	7.5	5.7	.0	21.8	4.5	8.2	14.8	20.1	3.9	1.8	13.6	8.7	4.6	11.5	2.4

TABLE D-4. ENAMAP-2N NO_2 CONCENTRATION FOR JANUARY 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO_2 CONCENTRATIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	.7	.0	0.	0.	0.	.0	0.	.0	.2	0.	0.	0.	0.	.0	.5
2 ARKANSAS	.5	.2	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	0.	.0	.6	0.	.0	.1	0.	.0	0.	.2	.1	0.
5 FLORIDA	.0	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	.0
6 GEORGIA	.0	0.	0.	0.	0.	.0	0.	0.	.3	0.	0.	0.	0.	0.	1.5
7 ILLINOIS	.1	.8	0.	.0	.1	.2	0.	.2	.1	0.	1.0	.0	.3	.1	.1
8 INDIANA	.0	.1	0.	0.	.3	.5	0.	.6	.2	0.	4.2	0.	.9	.4	.1
9 IOWA	.0	.1	0.	.0	.0	.0	0.	.0	.0	.0	.1	.0	.0	.0	.0
10 KANSAS	.3	2.7	0.	.0	.0	.0	.0	.0	.0	0.	.1	.4	.0	.0	.0
11 KENTUCKY	.0	.0	0.	0.	.1	.5	0.	.1	.6	0.	2.1	0.	.4	.2	.3
12 LOUISIANA	1.1	.0	0.	0.	0.	.0	0.	.0	.0	0.	0.	.0	.0	.0	.0
13 MAINE	0.	0.	0.	0.	.6	.0	0.	.0	0.	0.	0.	0.	0.	.1	0.
14 MICHIGAN	0.	.0	0.	0.	.8	.4	0.	1.4	.0	0.	2.3	0.	.7	.5	.0
15 MINNESOTA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
16 MISS.	2.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	0.	.0	.0	.0	.0
17 MISSOURI	.2	4.4	0.	.0	.0	.1	0.	.0	.1	0.	.2	.1	.1	.1	.1
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.1	0.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	2.1	.1	0.	.1	0.	0.	0.	0.	.0	5.2	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	22.0	0.	.3	.0	0.	0.	0.	.7	.4	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	1.7	19.7	0.	11.0	0.	0.	.0	0.	1.4	9.7	0.
24 N CAROLINA	0.	0.	0.	0.	0.	.0	0.	.0	6.4	0.	0.	0.	.0	.0	2.4
25 N DAKOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.2	.0	.0	.0	.0	.0
26 OHIO	0.	0.	0.	0.	.5	1.7	0.	1.2	.0	0.	11.6	0.	3.9	1.0	.0
27 OKLAHOMA	.1	.4	0.	.0	.0	.0	.0	.0	.0	0.	.0	2.0	.0	.0	.0
28 PENN.	0.	0.	0.	0.	.4	7.2	0.	1.2	.0	0.	.4	0.	11.3	1.5	0.
29 RI/MA/CT	0.	0.	0.	0.	.2	.4	0.	.6	0.	0.	0.	0.	.0	8.6	0.
30 S CAROLINA	.0	.2	0.	0.	.1	.1	0.	.3	.6	0.	.7	0.	.2	.1	4.3
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.9	.0	0.	0.	.0	.1	0.	.0	1.3	0.	.0	0.	.0	.0	.7
33 TEXAS	.2	.0	0.	.0	.0	.0	.2	.0	.0	0.	.0	.7	.0	.0	.0
34 VIRGINIA	0.	0.	0.	0.	.0	.2	0.	.0	2.1	0.	.0	0.	.0	.0	.1
35 W VIRGINIA	0.	0.	0.	0.	.1	1.6	0.	.3	.1	0.	1.1	0.	2.8	.6	.0
36 WISCONSIN	.0	.0	0.	0.	.1	.0	0.	.1	.0	0.	.2	.0	.1	.1	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.1	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0	0.
39 ONTARIO	0.	.0	0.	0.	.5	.1	0.	1.0	.0	.0	.1	0.	.1	.3	0.
40 QUEBEC	0.	0.	0.	0.	.9	.0	0.	.3	0.	0.	.0	0.	.0	.1	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	6.1	9.2	.0	.2	8.8	55.4	.2	18.9	12.2	.4	24.0	3.3	23.3	29.0	10.1

TABLE D-4. ENAMAP-2N NO_2 CONCENTRATION FOR JANUARY 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO_2 CONCENTRATIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	0.	.3	.0	.0	.0	0.	0.	.0	0.	0.	0.
2 ARKANSAS	0.	.2	.0	.0	.0	.0	0.	.0	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.7	.1	0.	0.	.0	0.	0.	0.
5 FLORIDA	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	.2	0.	.0	.0	0.	0.	0.	0.	0.	0.
7 ILLINOIS	0.	.6	.0	.2	.4	.0	0.	.0	.0	.0	.0
8 INDIANA	0.	.3	0.	.4	1.2	.1	0.	.1	.2	.0	.0
9 IOWA	.0	.0	.0	.0	.0	.3	0.	.0	.0	.0	.0
10 KANSAS	.0	.3	.0	.0	.1	.0	0.	.0	.0	.0	.0
11 KENTUCKY	0.	1.4	0.	1.1	1.9	0.	0.	.0	.0	.0	.0
12 LOUISIANA	0.	.0	.2	.0	.0	0.	0.	.0	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.2	0.	.0	.0
14 MICHIGAN	0.	.0	0.	.0	.1	.3	0.	.3	.9	.2	.0
15 MINNESOTA	.0	.0	.0	.0	.0	1.6	.0	.0	.1	.0	.0
16 MISS.	0.	.0	.0	.0	.0	0.	0.	.0	0.	0.	0.
17 MISSOURI	0.	.6	.0	.1	.1	.0	0.	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.1	.0	.0	.0
21 NEW JERSEY	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	.3	.2	.0	.0
24 N CARCLINA	0.	.1	0.	.7	.0	0.	0.	0.	0.	0.	0.
25 N DAKOTA	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	.0	0.	.3	3.0	0.	0.	.2	.1	.0	.0
27 OKLAHOMA	.0	.1	.1	.0	.0	.0	0.	.0	.0	.0	0.
28 PENN.	0.	0.	0.	.3	1.0	0.	0.	.1	.0	.0	.0
29 RI/MA/CT	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.
30 S CAROLINA	0.	.4	0.	.1	.1	.5	0.	.0	.1	.0	.0
31 S DAKOTA	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	0.	4.8	.0	.5	.1	0.	0.	.0	0.	0.	0.
33 TEXAS	0.	.0	3.5	.0	.0	.0	0.	.0	.0	0.	0.
34 VIRGINIA	0.	.0	0.	4.9	.3	0.	0.	.0	0.	0.	0.
35 W VIRGINIA	0.	.0	0.	1.5	5.5	0.	0.	.1	.0	.0	.0
36 WISCONSIN	0.	.0	.0	.0	.0	3.1	0.	.0	.1	.0	.0
37 MANITOBA	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.5	.0	.0	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	.2	.7	.1	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.4	.0	.5	.0
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	.3	9.5	3.9	10.9	14.1	6.0	.2	2.7	2.4	1.0	.1

TABLE D-5. ENAMAP-2N NO_2 DRY DEPOSITION FOR JANUARY 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO_2 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	1.6	.0	0.	.0	.3	.6	.0	.0	0.	0.	.0	.1	0.	0.	0.
2 ARKANSAS	.0	.7	0.	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
5 FLORIDA	.0	0.	0.	.4	.0	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
6 GEORGIA	.2	0.	0.	.0	.3	2.1	0.	0.	0.	0.	.0	.0	0.	0.	0.
7 ILLINOIS	.0	.1	0.	.0	.0	.0	2.4	.8	.1	.0	.5	.0	.0	.1	0.
8 INDIANA	.0	.0	0.	.1	.0	.0	.4	3.2	.0	0.	.9	0.	.1	.5	0.
9 IOWA	.0	.0	0.	.0	.0	.0	.2	.1	1.0	.0	.0	.0	.0	.1	.1
10 KANSAS	.0	.5	.0	.0	.0	.0	.1	.0	.1	.6	.1	.1	.0	.0	.0
11 KENTUCKY	.0	.0	0.	.1	.0	.1	.0	.2	0.	0.	2.0	.0	.0	.0	0.
12 LOUISIANA	.1	.1	0.	.0	.1	.1	0.	0.	0.	.0	.0	2.3	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.
14 MICHIGAN	0.	0.	0.	.0	0.	0.	.1	.2	.0	0.	.0	0.	.2	3.2	.0
15 MINNESOTA	.0	.0	0.	.0	.3	.0	.1	.0	.4	.0	.0	.0	.0	.1	1.1
16 MISS.	.1	.0	0.	.0	.0	.0	.0	0.	0.	0.	.0	.2	.0	0.	0.
17 MISSOURI	.1	.2	0.	.0	.0	.0	.6	.1	.2	.3	.2	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21 NEW JERSEY	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24 N CARCLINA	.0	0.	0.	.0	.0	.1	0.	0.	0.	0.	0.	.1	.0	0.	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.	0.
26 OHIO	0.	0.	0.	.2	0.	0.	.0	.1	0.	0.	.1	0.	.1	.0	0.
27 OKLAHOMA	.0	.4	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.0	0.	0.
28 PENN.	0.	0.	0.	.8	0.	0.	0.	0.	0.	0.	.0	0.	.1	.0	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
30 S CARCLINA	.0	.0	0.	.0	.0	.2	1.7	.6	.1	.0	.2	.0	.0	.3	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.3	.1	0.	.0	.0	.3	.0	.0	0.	0.	.2	.0	.0	0.	0.
33 TEXAS	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	0.	0.
34 VIRGINIA	0.	0.	0.	.2	.0	.0	0.	0.	0.	0.	.0	0.	.0	0.	0.
35 W VIRGINIA	0.	0.	0.	.4	.0	.0	0.	0.	0.	0.	.0	0.	.0	0.	0.
36 WISCONSIN	.0	.0	0.	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.5	.1
37 MANITOBA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	.0	0.	.0	0.	.1	.1	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	2.6	2.4	.0	2.6	1.1	3.7	5.8	5.6	2.1	1.2	4.4	3.4	1.4	4.9	1.5

TABLE D-5. ENAMAP-2N NO_2 DRY DEPOSITION FOR JANUARY 1977 (continued)

EMITTER REGION	TOTAL	CONTRIBUTIONS TO NO_2 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS													
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	.3	.0	0.	0.	0.	.0	0.	.0	.1	0.	0.	0.	0.	.0	.1
2 ARKANSAS	.2	.1	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	0.	.0	.1	0.	.0	.0	0.	.0	0.	.1	.0	0.
5 FLORIDA	.0	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	.0
6 GEORGIA	.0	0.	0.	0.	0.	.0	0.	0.	.1	0.	0.	0.	0.	0.	.4
7 ILLINOIS	.0	.4	0.	.0	.0	.0	0.	.1	.1	0.	.4	.0	.1	.0	.0
8 INDIANA	.0	.0	0.	0.	.1	.0	0.	.3	.1	0.	1.6	0.	.3	.1	.0
9 IOWA	.0	.1	0.	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
10 KANSAS	.1	1.4	0.	.0	.0	.0	.0	.0	.0	0.	.0	.2	.0	.0	.0
11 KENTUCKY	.0	.0	0.	0.	.0	.0	0.	.0	.3	0.	.7	0.	.1	.0	.1
12 LOUISIANA	.4	.0	0.	0.	0.	.0	0.	.0	.0	0.	0.	.0	.0	.0	.0
13 MAINE	0.	0.	0.	0.	.1	.0	0.	.0	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	0.	.0	0.	0.	.2	.0	0.	.6	.0	0.	.8	0.	.2	.1	.0
15 MINNESOTA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 MISS.	.7	.0	0.	0.	.0	.0	0.	.0	.0	0.	0.	.0	.0	.0	.0
17 MISSOURI	.1	2.0	0.	.0	.0	.0	0.	.0	.0	0.	.1	.1	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	0.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	.3	.0	0.	.1	0.	0.	0.	0.	.0	.5	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	1.4	0.	.1	.0	0.	0.	0.	.2	.0	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	.3	1.3	0.	3.7	0.	0.	.0	0.	.4	1.2	0.
24 N CAROLINA	0.	0.	0.	0.	0.	.0	0.	.0	2.4	0.	0.	0.	.0	.0	.6
25 N DAKOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.1	.0	.0	.0	.0	.0
26 OHIO	0.	0.	0.	0.	.1	.1	0.	.5	.0	0.	3.5	0.	1.3	.1	.0
27 OKLAHOMA	.1	.2	0.	.0	.0	.0	.0	.0	.0	0.	.0	1.0	.0	.0	.0
28 PENN.	0.	0.	0.	0.	.1	.6	0.	.5	.0	0.	.1	0.	3.0	.2	0.
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.2	0.	0.	0.	0.	.0	.9	0.
30 S CAROLINA	.0	.1	0.	0.	.0	.0	0.	.1	.2	0.	.3	0.	.1	.0	1.0
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.4	.0	0.	0.	.0	.0	0.	.0	.5	0.	.0	0.	.0	.0	.2
33 TEXAS	.1	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.4	.0	.0	.0
34 VIRGINIA	0.	0.	0.	0.	.0	.0	0.	.0	.8	0.	.0	0.	.0	.0	.0
35 W VIRGINIA	0.	0.	0.	0.	.0	.1	0.	.1	.1	0.	.4	0.	.9	.1	.0
36 WISCONSIN	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.1	.0	.0	.0	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.1	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0	0.
39 ONTARIO	0.	.0	0.	0.	.1	.0	0.	.4	.0	.0	.0	0.	.0	.0	0.
40 QUEBEC	0.	0.	0.	0.	.1	.0	0.	.1	0.	0.	.0	0.	.0	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	2.4	4.5	.0	.1	1.4	3.7	.0	7.0	4.8	.2	7.9	1.8	6.8	3.3	2.4

TABLE D-5. ENAMAP-2N NO_2 DRY DEPOSITION FOR JANUARY 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO_2 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	0.	.1	.0	.0	.0	0.	0.	.0	0.	0.	0.
2 ARKANSAS	0.	.1	.0	.0	.0	.0	0.	.0	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.2	.0	0.	0.	.0	0.	0.	0.
5 FLORIDA	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	.1	0.	.0	.0	0.	0.	0.	0.	0.	0.
7 ILLINOIS	0.	.3	.0	.1	.1	.0	0.	.0	.1	.0	.0
8 INDIANA	0.	.1	0.	.1	.3	.0	0.	.0	.6	.1	.0
9 IOWA	.0	.0	.0	.0	.0	.1	0.	.0	.1	.0	.0
10 KANSAS	.0	.1	.1	.0	.0	.0	0.	.0	.0	.0	.0
11 KENTUCKY	0.	.5	0.	.4	.5	0.	0.	.0	.0	.0	.0
12 LOUISIANA	0.	.0	.3	.0	.0	0.	0.	.0	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.1	0.	.0	.0
14 MICHIGAN	0.	.0	0.	.0	.0	.1	0.	.1	3.3	.5	.0
15 MINNESOTA	.0	.0	.0	.0	.0	.8	.0	.0	.2	.1	.0
16 MISS.	0.	.0	.0	.0	.0	0.	0.	.0	0.	0.	0.
17 MISSOURI	0.	.2	.0	.0	.0	.0	0.	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.1	.0	.0	.0
21 NEW JERSEY	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	.2	.5	.1	.0
24 N CAROLINA	0.	.0	0.	.2	.0	0.	0.	0.	0.	0.	0.
25 N DAKOTA	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	.0	0.	.1	.7	0.	0.	.1	.3	.1	.0
27 OKLAHOMA	.0	.0	.3	.0	.0	.0	0.	.0	.0	.0	0.
28 PENN.	0.	0.	0.	.1	.2	0.	0.	.1	.1	.0	.0
29 RI/MA/CT	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
30 S CARCLINA	0.	.2	0.	.0	.0	.2	0.	.0	.3	.1	.0
31 S DAKCTA	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	0.	1.5	.0	.2	.0	0.	0.	.0	0.	0.	0.
33 TEXAS	0.	.0	6.1	.0	.0	.0	0.	.0	.0	0.	0.
34 VIRGINIA	0.	.0	0.	1.4	.1	0.	0.	.0	0.	0.	0.
35 W VIRGINIA	0.	.0	0.	.5	1.2	0.	0.	.0	.0	.0	.0
36 WISCONSIN	0.	.0	.0	.0	.0	1.3	0.	.0	.4	.1	.0
37 MANITOBA	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.2	.0	.0	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	.1	2.1	.4	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.2	.1	1.2	.0
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.2	3.2	6.9	3.3	3.3	2.8	.2	1.3	8.2	2.8	.1

TABLE D-6. ENAMAP-2N NO_2 WET DEPOSITION FOR JANUARY 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO_2 WET DEPOSITIONS WITHIN RECEPTOR REGIONS 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	.1	.0	0.	.0	.0	.0	.0	0.	0.	0.	.0	.0	0.	0.	0.
2 ARKANSAS	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5 FLORIDA	.0	0.	0.	0.	.0	.0	0.	0.	0.	0.	0.	0.	.0	0.	0.
6 GEORGIA	.0	0.	0.	.0	.0	.1	0.	0.	0.	0.	.0	.0	0.	0.	0.
7 ILLINOIS	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.	0.
8 INDIANA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
9 IOWA	.0	.0	0.	.0	.0	.0	.0	.0	0.	0.	.0	0.	.0	.0	0.
10 KANSAS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 KENTUCKY	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
12 LOUISIANA	.0	.0	0.	.0	.0	.0	.0	.0	0.	0.	.1	.0	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.1	0.	0.	0.
14 MICHIGAN	0.	0.	0.	.0	0.	0.	.0	.0	.0	0.	.0	0.	.0	0.	0.
15 MINNESOTA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 MISS.	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17 MISSOURI	.0	.0	0.	.0	.0	.0	.0	0.	0.	0.	.0	.0	.0	0.	0.
18 MONTANA	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0	.0	.0	.0	.0	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0	.0
21 NEW JERSEY	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
23 NEW YORK	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24 N CAROLINA	.0	0.	0.	.0	.0	.0	0.	0.	0.	0.	0.	0.	.0	.0	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.	0.	0.
26 OHIO	0.	0.	0.	.0	0.	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 OKLAHOMA	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.	.0	0.	.0	.0	0.
28 PENN.	0.	0.	0.	.0	0.	0.	0.	.0	.0	.0	.0	.0	.0	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	.0	0.	.0	0.	0.
30 S CAROLINA	.0	.0	0.	.0	.0	.0	.0	0.	0.	0.	0.	0.	.0	0.	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
32 TENNESSEE	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 TEXAS	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.	.0	.0	.0	0.	0.
34 VIRGINIA	0.	0.	0.	.0	0.	.0	0.	0.	0.	0.	.0	0.	.0	0.	0.
35 W VIRGINIA	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	.0	0.	.0	0.	0.
36 WISCONSIN	.0	.0	0.	.0	.0	.0	.0	0.	0.	0.	.0	0.	.0	0.	0.
37 MANITOBA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	.0	0.	.0	0.	.0	0.	0.
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.
TOTAL (KTON)	.1	.1	.0	.1	.0	.1	.1	.1	.0	.0	.1	.2	.0	.0	.0

TABLE D-6. ENAMAP-2N NO_2 WET DEPOSITION FOR JANUARY 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO_2 WET DEPOSITIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	.0	.0	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0
2 ARKANSAS	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	0.
5 FLORIDA	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0
6 GEORGIA	.0	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0
7 ILLINOIS	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
8 INDIANA	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
9 IOWA	.0	.0	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
10 KANSAS	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
11 KENTUCKY	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
12 LOUISIANA	.0	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	.0	.0	0.	.0
13 MAINE	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	0.	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	0.
15 MINNESOTA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
16 MISS.	.0	.0	0.	0.	0.	.0	0.	.0	.0	0.	0.	.0	.0	.0	.0
17 MISSOURI	.0	.0	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.0	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.0	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	.0	0.	.0	.0	0.
24 N CAROLINA	0.	0.	0.	0.	0.	.0	0.	0.	.1	0.	0.	0.	.0	.0	.0
25 N DAKOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
27 OKLAHOMA	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
28 PENN.	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	0.
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.0	0.
30 S CAROLINA	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
31 S DAKOTA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
33 TEXAS	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
34 VIRGINIA	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
35 W VIRGINIA	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
36 WISCONSIN	0.	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0	0.	.0	.0	0.
38 N BRUNS	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0	0.
39 ONTARIO	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	.0	0.	.0	.0	0.
40 QUEBEC	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.1	.1	.0	.0	.0	.1	.0	.1	.1	.0	.1	.0	.1	.1	.1

TABLE D-6. ENAMAP-2N NO_2 WET DEPOSITION FOR JANUARY 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO_2 WET DEPOSITIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	0.	.0	.0	.0	.0	0.	0.	0.	0.	0.	0.
2 ARKANSAS	0.	.0	.0	.0	.0	0.	0.	.0	.0	0.	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
5 FLORIDA	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	.0	0.	.0	.0	0.	0.	0.	0.	0.	0.
7 ILLINOIS	0.	.0	0.	.0	.0	.0	0.	.0	.0	0.	0.
8 INDIANA	0.	.0	0.	.0	.0	.0	0.	.0	.0	0.	0.
9 IOWA	0.	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
10 KANSAS	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
11 KENTUCKY	0.	.0	0.	.0	.0	0.	0.	.0	.0	0.	0.
12 LOUISIANA	0.	.0	.0	.0	.0	0.	0.	.0	.0	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
14 MICHIGAN	0.	0.	0.	.0	.0	.0	0.	.0	.0	0.	0.
15 MINNESOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
16 MISS.	0.	.0	.0	.0	.0	0.	0.	.0	0.	0.	0.
17 MISSOURI	0.	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
21 NEW JERSEY	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
24 N CAROLINA	0.	.0	0.	.0	.0	0.	0.	0.	0.	0.	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
26 OHIO	0.	.0	0.	.0	.0	0.	0.	.0	.0	0.	0.
27 OKLAHOMA	0.	.0	.0	.0	.0	0.	0.	.0	.0	0.	0.
28 PENN.	0.	0.	0.	.0	.0	0.	0.	.0	.0	0.	0.
29 RI/MA/CT	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	0.
30 S CAROLINA	0.	.0	0.	.0	.0	0.	0.	.0	0.	0.	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
32 TENNESSEE	0.	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
33 TEXAS	0.	.0	.2	.0	.0	0.	0.	.0	0.	0.	0.
34 VIRGINIA	0.	.0	0.	.0	.0	0.	0.	0.	0.	0.	0.
35 W VIRGINIA	0.	.0	0.	.0	.0	0.	0.	.0	0.	0.	0.
36 WISCONSIN	0.	.0	0.	.0	.0	0.	0.	.0	0.	0.	0.
37 MANITOBA	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
39 ONTARIO	0.	0.	0.	.0	.0	.0	0.	.0	0.	0.	0.
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	0.
41 NEWFOLND	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	0.
TOTAL (KTON)	.0	.1	.2	.1	.1	.0	.0	.0	.0	0.	0.

TABLE D-7. ENAMAP-2N PAN CONCENTRATION FOR JANUARY 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO PAN CONCENTRATIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	2.2	.0	0.	.0	1.4	1.7	.0	.0	0.	0.	.1	.3	0.	0.	0.
2 ARKANSAS	.3	.9	0.	.0	.1	.1	.0	.0	.0	.0	.1	.4	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	1.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5 FLORIDA	.0	0.	0.	0.	.4	.1	0.	0.	0.	0.	0.	0.	.0	0.	0.
6 GEORGIA	.5	0.	0.	.0	1.0	2.0	0.	0.	0.	0.	0.	.0	0.	0.	0.
7 ILLINOIS	.3	.4	0.	.8	.1	.3	2.3	3.1	.1	.0	2.3	.0	.3	.4	0.
8 INDIANA	.0	.0	0.	1.8	.0	.1	.8	3.6	.0	0.	2.3	0.	.7	1.1	0.
9 IOWA	.0	.1	0.	.1	.0	.0	.7	.5	.7	.1	.2	.0	.1	.3	.0
10 KANSAS	.4	1.7	.0	.1	.2	.2	.5	.3	.2	.6	.7	.6	.1	.0	.0
11 KENTUCKY	.1	.0	0.	1.9	.0	.3	.0	.4	0.	0.	3.8	.0	.1	.0	0.
12 LOUISIANA	.8	.2	0.	.0	.7	.4	0.	0.	0.	.0	.0	3.3	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.
14 MICHIGAN	0.	0.	0.	.3	0.	0.	.2	.9	.0	0.	.1	0.	1.6	1.7	.0
15 MINNESOTA	.0	.0	0.	.0	.0	.0	.5	.4	.7	.0	.1	.0	.1	.7	.6
16 MISS.	.5	.1	0.	.0	.3	.2	.0	0.	0.	0.	.0	.4	.0	0.	0.
17 MISSOURI	.5	1.0	0.	.3	.2	.3	1.5	.9	.3	.2	1.4	.2	.1	.1	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
21 NEW JERSEY	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	.8	.0	0.
24 N CAROLINA	.0	0.	0.	.2	.1	.2	0.	0.	0.	0.	.0	0.	0.	0.	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
26 OHIO	0.	0.	0.	2.9	0.	0.	.0	.4	0.	0.	.6	0.	.6	.0	0.
27 OKLAHOMA	.2	1.2	.0	.1	.1	.1	.1	.0	.0	.3	.2	.7	.0	.0	0.
28 PENN.	0.	0.	0.	3.4	0.	0.	0.	0.	0.	0.	.0	0.	.3	.0	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
30 S CAROLINA	.1	.1	0.	.4	.2	.6	1.1	1.8	.0	.0	.7	.0	.3	1.1	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
32 TENNESSEE	1.0	.2	0.	.3	.2	1.0	.0	.1	0.	0.	.8	.1	.0	0.	0.
33 TEXAS	.2	.7	.0	.0	.1	.1	.0	.0	.0	.2	.0	1.8	.0	0.	0.
34 VIRGINIA	0.	0.	0.	1.2	.0	.0	0.	0.	0.	0.	.0	0.	.0	0.	0.
35 W VIRGINIA	0.	0.	0.	3.6	.0	.0	0.	0.	0.	0.	.1	0.	.2	0.	0.
36 WISCONSIN	.0	.0	0.	.1	.0	.0	.6	.6	.1	.0	.1	.0	.3	1.4	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	.0	0.	.0	0.	1.0	.1	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	7.3	6.5	.0	19.5	9.0	7.6	8.5	13.2	2.4	1.4	13.6	7.8	8.2	7.0	1.1

TABLE D-7. ENAMAP-2N PAN CONCENTRATION FOR JANUARY 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO PAN CONCENTRATIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	.6	.0	0.	0.	0.	.0	0.	.0	.4	0.	0.	0.	0.	.0	1.1
2 ARKANSAS	.8	.2	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.1
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	0.	.0	.8	0.	.0	.1	0.	.0	0.	.2	.1	0.
5 FLORIDA	.0	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	.0
6 GEORGIA	.1	0.	0.	0.	0.	.0	0.	0.	.7	0.	0.	0.	0.	0.	2.1
7 ILLINOIS	.2	.8	0.	.0	.4	.7	0.	.5	.5	0.	1.9	.0	.9	.5	.3
8 INDIANA	.0	.2	0.	0.	1.1	1.4	0.	1.6	.5	0.	4.4	0.	2.0	1.4	.2
9 IOWA	.0	.2	0.	.0	.1	.1	0.	.1	.0	.0	.3	.0	.1	.1	.0
10 KANSAS	.8	2.3	0.	.0	.1	.2	.0	.1	.2	0.	.2	.6	.2	.1	.1
11 KENTUCKY	.0	.0	0.	0.	.2	1.2	0.	.3	1.3	0.	1.3	0.	.9	.5	.7
12 LOUISIANA	1.1	.0	0.	0.	0.	.0	0.	.0	.1	0.	0.	.0	.0	.0	.2
13 MAINE	0.	0.	0.	0.	.1	.0	0.	.0	0.	0.	0.	0.	0.	.1	0.
14 MICHIGAN	0.	.0	0.	0.	2.2	1.1	0.	2.9	.0	0.	1.4	0.	1.3	1.5	.0
15 MINNESOTA	.0	.1	0.	.0	.1	.0	.0	.1	.0	.0	.2	.0	.1	.1	.0
16 MISS.	.7	.0	0.	0.	.0	.0	0.	.0	.0	0.	0.	.0	.0	.0	.1
17 MISSOURI	.6	2.2	0.	.0	.1	.3	0.	.2	.2	0.	.5	.3	.3	.2	.3
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.1	0.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	.4	.1	0.	.1	0.	0.	0.	0.	.0	1.1	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	3.1	0.	.2	.0	0.	0.	0.	.2	.6	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	1.9	5.7	0.	2.4	0.	0.	.0	0.	.8	7.0	0.
24 N CAROLINA	0.	0.	0.	0.	0.	.0	0.	.0	2.8	0.	0.	0.	.0	.0	1.7
25 N DAKCTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.1	.0	.0	.0	.0	.0
26 OHIO	0.	0.	0.	0.	1.0	3.6	0.	2.2	.1	0.	3.3	0.	4.8	2.1	.0
27 OKLAHOMA	.4	.5	0.	.0	.0	.0	.0	.0	.0	0.	.0	1.0	.0	.0	.1
28 PENN.	0.	0.	0.	0.	.6	6.6	0.	1.5	.0	0.	.2	0.	3.7	2.5	0.
29 RI/MA/CT	0.	0.	0.	0.	.1	.3	0.	.1	0.	0.	0.	0.	.0	1.3	0.
30 S CAROLINA	.1	.3	0.	0.	.5	.4	0.	.7	.8	0.	1.4	0.	.6	.4	1.8
31 S DAKCTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.7	.1	0.	0.	.0	.2	0.	.0	1.6	0.	.0	0.	.0	.0	.0
33 TEXAS	.6	.1	0.	.0	.0	.0	.3	.0	.0	0.	.0	1.0	.0	.0	.0
34 VIRGINIA	0.	0.	0.	0.	.0	.3	0.	.0	1.5	0.	.0	0.	.1	.0	.2
35 W VIRGINIA	0.	0.	0.	0.	.3	2.8	0.	.6	.2	0.	.3	0.	2.9	1.1	.0
36 WISCONSIN	.0	.1	0.	0.	.3	.2	0.	.4	.0	0.	.5	.0	.2	.2	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.1	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0	0.
39 ONTARIO	0.	.0	0.	0.	1.3	.1	0.	1.3	.0	.0	.1	0.	.1	.7	0.
40 QUEBEC	0.	0.	0.	0.	.5	.0	0.	.1	0.	0.	.0	0.	.0	.1	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	6.8	7.1	.0	.2	11.4	29.4	.3	15.5	11.2	.2	16.1	3.1	19.5	21.7	10.5

TABLE D-7. ENAMAP-2N PAN CONCENTRATION FOR JANUARY 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO PAN CONCENTRATIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	0.	.5	.0	.1	.0	0.	0.	.0	0.	0.	0.
2 ARKANSAS	0.	.3	.0	.0	.0	.0	0.	.0	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.3	.1	0.	0.	.0	0.	0.	0.
5 FLORIDA	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	.2	0.	.1	.0	0.	0.	0.	0.	0.	0.
7 ILLINOIS	0.	1.2	.0	.7	1.1	.1	0.	.2	.1	.1	.0
8 INDIANA	0.	.6	0.	1.0	2.3	.0	0.	.4	.4	.2	.1
9 IOWA	.0	.1	.0	.0	.1	.4	0.	.0	.1	.0	.0
10 KANSAS	.0	.9	.1	.1	.2	.0	0.	.0	.0	.0	.0
11 KENTUCKY	0.	1.3	0.	1.8	2.6	0.	0.	.1	.0	.0	.0
12 LOUISIANA	0.	.0	.3	.0	.0	0.	0.	.0	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.2	0.	.0	.0
14 MICHIGAN	0.	.0	0.	.1	.3	.0	0.	.9	1.1	.5	.2
15 MINNESOTA	.0	.0	.0	.0	.1	1.7	.0	.1	.2	.1	.0
16 MISS.	0.	.1	.0	.0	.0	0.	0.	.0	0.	0.	0.
17 MISSOURI	0.	1.1	.0	.3	.4	.0	0.	.1	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.2	.0	.0	.0
21 NEW JERSEY	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	.8	.0	.0	.0
24 N CARCLINA	0.	.0	0.	.8	.0	0.	0.	0.	0.	0.	0.
25 N DAKOTA	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
26 OHIO	0.	.0	0.	.6	2.6	0.	0.	.5	.1	.1	.0
27 OKLAHOMA	.0	.3	.3	.0	.1	.0	0.	.0	.0	.0	0.
28 PENN.	0.	0.	0.	.4	.4	0.	0.	.4	.0	.0	.0
29 RI/MA/CT	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.
30 S CAROLINA	0.	.5	0.	.3	.4	.2	0.	.2	.2	.1	.0
31 S DAKOTA	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	0.	2.2	.0	.9	.4	0.	0.	.0	0.	0.	0.
33 TEXAS	0.	.1	2.9	.0	.0	.0	0.	.0	.0	0.	0.
34 VIRGINIA	0.	.0	0.	2.0	.2	0.	0.	.0	0.	0.	0.
35 W VIRGINIA	0.	.0	0.	1.4	2.3	0.	0.	.2	.0	.0	.0
36 WISCONSIN	0.	.0	.0	.1	.1	.8	0.	.2	.3	.2	.1
37 MANITOBA	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.2	.0	.0	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	.6	.3	.3	.1
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.8	.0	.3	.1
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	.2	9.4	3.7	11.0	13.9	3.5	.1	6.5	2.9	1.9	.6

TABLE D-8. ENAMAP-2N PAN DRY DEPOSITION FOR JANUARY 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO PAN DRY DEPOSITIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	1.7	.0	0.	.0	.8	1.8	.0	.0	0.	0.	.1	.2	0.	0.	0.
2 ARKANSAS	.3	.8	0.	.0	.1	.1	.0	.0	.0	.0	.1	.4	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5 FLORIDA	.0	0.	0.	0.	.2	.1	0.	0.	0.	0.	0.	0.	.0	0.	0.
6 GEORGIA	.4	0.	0.	.0	.6	2.1	0.	0.	0.	0.	.0	.0	0.	0.	0.
7 ILLINOIS	.3	.3	0.	.2	.1	.3	2.1	1.9	.1	.0	1.6	.0	.2	.4	0.
8 INDIANA	.0	.0	0.	.5	.0	.1	.7	2.2	.0	0.	1.6	0.	.4	1.1	0.
9 IOWA	.0	.0	0.	.0	.0	.0	.6	.3	.9	.1	.1	.0	.0	.3	.1
10 KANSAS	.3	1.5	.0	.0	.1	.2	.4	.2	.3	.8	.5	.5	.0	.0	.0
11 KENTUCKY	.1	.0	0.	.5	.0	.3	.0	.3	0.	0.	2.6	.0	.1	.0	0.
12 LOUISIANA	.6	.2	0.	.0	.4	.4	0.	0.	0.	.0	.0	2.8	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
14 MICHIGAN	0.	0.	0.	.1	0.	0.	.2	.6	.0	0.	.0	0.	1.1	1.7	.0
15 MINNESOTA	.0	.0	0.	.0	.0	.0	.5	.2	.9	.0	.1	.0	.1	.8	1.0
16 MISS.	.4	.1	0.	.0	.2	.2	.0	0.	0.	0.	.0	.4	.0	0.	0.
17 MISSOURI	.4	.9	0.	.1	.1	.3	1.4	.5	.3	.3	.9	.2	.1	.1	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
21 NEW JERSEY	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
23 NEW YORK	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24 N CAROLINA	.0	0.	0.	.0	.0	.2	0.	0.	0.	0.	0.	0.	.5	.0	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	0.	0.	0.
26 OHIO	0.	0.	0.	.7	0.	0.	.0	.2	0.	0.	.4	0.	.4	.0	0.
27 OKLAHOMA	.1	1.1	.0	.0	.0	.1	.1	.0	.0	.4	.1	.6	.0	.0	0.
28 PENN.	0.	0.	0.	.9	0.	0.	0.	0.	0.	0.	.0	0.	.2	.0	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
30 S CARCLINA	.1	.1	0.	.1	.1	.6	1.0	1.1	.1	.0	.5	.0	.2	1.1	0.
31 S OAKCTA	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.7	.1	0.	.1	.1	1.0	.0	.0	0.	0.	.5	.1	.0	0.	0.
33 TEXAS	.2	.6	.0	.0	.1	.1	.0	.0	.0	0.	.2	1.5	.0	0.	0.
34 VIRGINIA	0.	0.	0.	.3	.0	.0	0.	0.	0.	0.	.0	0.	.0	0.	0.
35 W VIRGINIA	0.	0.	0.	1.0	.3	.0	.0	0.	0.	0.	.1	0.	.1	0.	0.
36 WISCONSIN	.0	.0	0.	.0	.0	.0	.5	.4	.2	.0	.1	.0	.2	1.4	.0
37 MANITCBA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	.0	0.	.0	0.	.7	.1	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	5.5	5.7	.0	5.1	2.8	7.8	7.8	8.2	3.0	2.1	9.4	6.7	5.4	7.1	1.7

TABLE D-8. ENAMAP-2N PAN DRY DEPOSITION FOR JANUARY 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO PAN DRY DEPOSITIONS WITHIN RECEPTOR REGIONS															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
1 ALABAMA	.6	.0	0.	0.	0.	.0	0.	.0	.4	0.	0.	0.	0.	.0	.6	
2 ARKANSAS	.7	.2	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0	
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
4 DEL/MD/DC	0.	0.	0.	0.	.0	.1	0.	.0	.1	0.	.0	0.	.1	.0	0.	
5 FLORIDA	.0	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	.0	
6 GEORGIA	.0	0.	0.	0.	0.	0.	0.	0.	.6	0.	0.	0.	0.	0.	1.1	
7 ILLINOIS	.2	.9	0.	.0	.1	.1	0.	.5	.4	0.	1.4	.0	.6	.1	.2	
8 INDIANA	.0	.2	0.	0.	.4	.2	0.	1.4	.4	0.	3.3	0.	1.3	.4	.1	
9 IOWA	.0	.2	0.	.0	.0	.0	0.	.1	.0	.0	.2	.0	.1	.0	.0	
10 KANSAS	.7	2.4	0.	.1	.0	.0	.0	.1	.1	0.	.2	.8	.1	.0	.1	
11 KENTUCKY	.0	.0	0.	0.	.1	.2	0.	.2	1.1	0.	1.0	0.	.6	.1	.3	
12 LOUISIANA	1.0	.0	0.	0.	0.	.0	0.	.0	.1	0.	0.	.0	.0	.0	.1	
13 MAINE	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	0.	0.	0.	
14 MICHIGAN	0.	.0	0.	0.	.8	.2	0.	2.5	.0	0.	1.0	0.	.9	.4	.0	
15 MINNESOTA	.0	.1	0.	.0	.0	.0	.0	.1	.0	.0	.2	.0	.1	.0	.0	
16 MISS.	.6	.0	0.	0.	.0	.0	0.	.0	.0	0.	0.	.0	.0	.0	.1	
17 MISSOURI	.5	2.3	0.	.0	.0	.0	0.	.1	.2	0.	0.	.3	.2	.1	.2	
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
19 NEBRASKA	.0	.1	0.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20 NH/VT	0.	0.	0.	0.	.2	.0	0.	.1	0.	0.	0.	0.	.0	.3	0.	
21 NEW JERSEY	0.	0.	0.	0.	.0	.5	0.	.2	.0	0.	0.	0.	.1	.2	0.	
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
23 NEW YORK	0.	0.	0.	0.	.7	.9	0.	2.1	0.	0.	.0	0.	.5	1.8	0.	
24 N CAROLINA	0.	0.	0.	0.	0.	.0	0.	.0	2.5	0.	0.	0.	.0	.0	.9	
25 N DAKOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.1	.0	.0	.0	.0	.0	
26 OHIO	0.	0.	0.	0.	.4	.6	0.	1.9	.1	0.	2.5	0.	3.1	.5	.0	
27 OKLAHOMA	.4	.5	0.	.0	.0	.0	.0	.0	.0	0.	.0	1.2	.0	.0	.0	
28 PENN.	0.	0.	0.	0.	.2	1.1	0.	1.3	.0	0.	.2	0.	2.4	.6	0.	
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.1	0.	0.	0.	0.	.0	.3	0.	
30 S CAROLINA	.1	.3	0.	0.	.2	.1	0.	.6	.7	0.	1.1	0.	.4	.1	.9	
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32 TENNESSEE	.6	.1	0.	0.	.0	.0	0.	.0	1.4	0.	.0	0.	.0	.0	.7	
33 TEXAS	.6	.1	0.	.0	.0	.0	.0	.0	.0	0.	.0	1.2	.0	.0	.0	
34 VIRGINIA	0.	0.	0.	0.	.0	.1	0.	.0	1.4	0.	.0	0.	.0	.0	.1	
35 W VIRGINIA	0.	0.	0.	0.	.1	.5	0.	.5	.2	0.	.2	0.	1.9	.3	.0	
36 WISCONSIN	.0	.1	0.	0.	.1	.0	0.	.3	.0	0.	.3	.0	.1	.1	.0	
37 MANITOBA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.1	.0	.0	.0	.0	.0	
38 N BRUNS	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	
39 ONTARIO	0.	.0	0.	0.	.5	.0	0.	1.1	.0	.0	.1	0.	.1	.2	0.	
40 QUEBEC	0.	0.	0.	0.	.2	.0	0.	.1	0.	0.	.0	0.	.0	.0	0.	
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL (KTONS)	6.0	7.5	.0	.3	4.1	4.8	.1	13.2	10.0	.3	12.2	3.7	12.8	5.7	5.5	

TABLE D-8. ENAMAP-2N PAN DRY DEPOSITION FOR JANUARY 1977 (concluded)

EMITTER REGION	TOTAL	CONTRIBUTIONS TO PAN DRY DEPOSITIONS WITHIN RECEPTOR REGIONS									
	31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	0.	.4	.0	.1	.0	0.	0.	.0	0.	0.	0.
2 ARKANSAS	0.	.2	.2	.0	.0	.0	0.	.0	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.2	.0	0.	0.	.0	0.	0.	0.
5 FLORICA	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	.1	0.	.1	.0	0.	0.	0.	0.	0.	0.
7 ILLINOIS	0.	.9	.0	.4	.5	.1	0.	.2	.7	.4	.0
8 INDIANA	0.	.4	0.	.7	1.2	.0	0.	.4	2.8	1.1	.1
9 IOWA	.0	.1	.0	.0	.0	.4	0.	.0	.5	.2	.0
10 KANSAS	.0	.6	.4	.1	.1	.0	0.	.0	.0	.0	.0
11 KENTUCKY	0.	.9	0.	1.2	1.3	0.	0.	.1	.0	.0	.0
12 LOUISIANA	0.	.0	1.0	.0	.0	0.	0.	.0	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.2	0.	.0	.0
14 MICHIGAN	0.	.0	0.	.1	.1	.1	0.	.9	8.3	3.4	.2
15 MINNESOTA	.0	.0	.0	.0	.0	1.9	.0	.1	1.4	.5	.0
16 MISS.	0.	.0	.1	.0	.0	0.	0.	.0	0.	0.	0.
17 MISSOURI	0.	.8	.1	.2	.2	.1	0.	.1	.1	.1	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.2	.0	.0	.0
21 NEW JERSEY	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	.8	.4	.3	.0
24 N CARCLINA	0.	.0	0.	.5	.0	0.	0.	0.	0.	0.	0.
25 N DAKOTA	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
26 OHIO	0.	.0	0.	.4	1.3	0.	0.	.5	.7	.4	.0
27 OKLAHCMA	.0	.2	1.2	.0	.0	.0	0.	.0	.0	.0	0.
28 PENN.	0.	0.	0.	.2	.2	0.	0.	.4	.1	.1	.0
29 RI/MA/CT	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.
30 S CAROLINA	0.	.4	0.	.2	.2	.2	0.	.2	1.7	.7	.1
31 S DAKOTA	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	0.	1.6	.0	.6	.2	0.	0.	.0	0.	0.	0.
33 TEXAS	0.	.1	11.0	.0	.0	.0	0.	.0	.0	0.	0.
34 VIRGINIA	0.	.0	0.	1.3	.1	0.	0.	.0	0.	0.	0.
35 W VIRGINIA	0.	.0	0.	.9	1.1	0.	0.	.2	.0	.0	.0
36 WISCONSIN	0.	.0	.0	.0	.1	.9	0.	.2	2.4	1.0	.1
37 MANITOBA	.0	.0	.0	.0	.0	.1	.2	.0	.3	.1	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.2	.0	.1	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	.6	2.3	1.8	.1
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.7	.1	1.6	.1
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.3	6.8	14.1	7.3	6.8	3.8	.2	6.3	21.8	11.8	.9

CLASSIFICATION

TABLE D-9. ENAMAP-2N PAN WET DEPOSITION FOR JANUARY 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO PAN WET DEPOSITIONS WITHIN RECEPTOR REGIONS 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	.1	.0	0.	.0	.0	.1	.0	0.	0.	0.	.0	.0	0.	0.	0.
2 ARKANSAS	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MC/DC	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
5 FLORIDA	.0	0.	0.	0.	.0	.0	0.	0.	0.	0.	0.	.0	0.	0.	0.
6 GEORGIA	.0	0.	0.	.0	.0	.1	0.	0.	0.	0.	.0	.0	0.	0.	0.
7 ILLINOIS	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
8 INDIANA	.0	.0	0.	.0	.0	.0	.0	.0	0.	0.	.0	0.	.0	.0	0.
9 IOWA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 KANSAS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
11 KENTUCKY	.0	.0	0.	.0	.0	.0	.0	.0	0.	0.	.1	.0	.0	.0	0.
12 LOUISIANA	.0	.0	0.	.0	.0	.0	0.	0.	0.	0.	.0	.2	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
14 MICHIGAN	0.	0.	0.	.0	0.	0.	.0	.0	.0	0.	.0	0.	.0	.0	.0
15 MINNESOTA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 MISS.	.0	.0	0.	.0	.0	.0	.0	0.	0.	0.	.0	.0	.0	0.	0.
17 MISSOURI	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
21 NEW JERSEY	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.
24 N CARCLINA	.0	0.	0.	.0	.0	.0	0.	0.	0.	0.	.0	0.	0.	0.	0.
25 N DAKCTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	0.	0.	.0	0.	0.	.0	.0	0.	0.	.0	0.	.0	.0	0.
27 OKLAHOMA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
28 PENN.	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	.0	0.	.0	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
30 S CAROLINA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
31 S DAKCTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	.0	0.	.0	.0	.0	.0	.0	0.	0.	.0	.0	.0	0.	0.
33 TEXAS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
34 VIRGINIA	0.	0.	0.	.0	0.	.0	0.	0.	0.	0.	.0	0.	.0	0.	0.
35 W VIRGINIA	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	.0	0.	.0	0.	0.
36 WISCONSIN	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	.0	0.	.0	0.	.0	.0	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.2	.2	.0	.2	.1	.3	.1	.1	.0	.0	.3	.4	.0	.1	.0

TABLE D-9. ENAMAP-2N PAN WET DEPOSITION FOR JANUARY 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO PAN WET DEPOSITIONS WITHIN RECEPTOR REGIONS															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
1 ALABAMA	.1	.0	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0	
2 ARKANSAS	.0	.0	0.	0.	0.	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0	
3 COLORADO	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0	
4 DEL/MD/DC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
5 FLORIDA	.0	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	0.	0.	0.	
6 GEORGIA	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	
7 ILLINOIS	.0	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0	
8 INDIANA	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	0.	0.	0.	0.	.0	
9 IOWA	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0	
10 KANSAS	.0	.0	0.	.0	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0	
11 KENTUCKY	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	
12 LOUISIANA	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0	
13 MAINE	.1	0.	0.	0.	0.	.0	0.	0.	.0	0.	.0	0.	.0	.0	.0	
14 MICHIGAN	0.	0.	0.	0.	.0	.0	0.	0.	0.	0.	0.	.0	.0	0.	.0	
15 MINNESOTA	0.	.0	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	0.	.0	0.	
16 MISS.	.0	.0	0.	.0	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	0.	
17 MISSOURI	.0	.0	0.	0.	0.	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	
18 MONTANA	.0	.1	0.	.0	.0	.0	0.	.0	.0	0.	0.	.0	.0	.0	.0	
19 NEBRASKA	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	.0	.0	.0	.0	.0	
20 NH/VT	.0	.0	0.	.0	.0	.0	.0	0.	0.	0.	0.	0.	0.	0.	0.	
21 NEW JERSEY	0.	0.	0.	0.	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	
22 NEW MEXICO	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.0	0.	
23 NEW YORK	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	
24 N CARCLINA	0.	0.	0.	0.	.0	.1	0.	.0	0.	0.	0.	0.	0.	0.	0.	
25 N DAKOTA	0.	0.	0.	0.	0.	.0	0.	0.	.1	0.	0.	0.	.0	.1	0.	
26 OHIO	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	
27 OKLAHOMA	0.	0.	0.	0.	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	
28 PENN.	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.1	0.	.0	.0	.0	
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0	
30 S CARCLINA	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.1	.0	0.	
31 S DAKOTA	.0	.0	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.0	0.	
32 TENNESSEE	.0	.0	0.	.0	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.1	
33 TEXAS	.0	.0	0.	0.	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	
34 VIRGINIA	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	0.	.0	.0	.0	
35 W VIRGINIA	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0	
36 WISCONSIN	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0	
37 MANITOBA	0.	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0	
38 N BRUNS	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	
39 ONTARIO	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	.0	.0	0.	
40 QUEBEC	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	0.	.0	0.	
41 NEWFOUND	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	.0	0.	.0	.0	0.	
TOTAL (KTON)	.3	.2	.0	.0	.0	.2	.0	.1	.3	.0	.2	.1	.3	.2	.2	

CLASSIFICATION

TABLE D-9. ENAMAP-2N PAN WET DEPOSITION FOR JANUARY 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO PAN WET DEPOSITIONS WITHIN RECEPTOR REGIONS										
	31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	0.	.0	.0	.0	.0	0.	0.	0.	0.	0.	0.
2 ARKANSAS	0.	.0	.0	.0	.0	0.	0.	0.	.0	0.	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	0.
4 DEL/MD/DC	0.	0.	0.	.0	.0	0.	0.	0.	0.	0.	0.
5 FLORIDA	0.	0.	.0	0.	0.	0.	0.	.0	0.	0.	0.
6 GEORGIA	0.	.0	0.	.0	0.	0.	0.	0.	0.	0.	0.
7 ILLINOIS	0.	.0	0.	.0	.0	0.	0.	0.	0.	0.	0.
8 INDIANA	0.	.0	0.	.0	.0	.0	0.	.0	.0	0.	0.
9 IOWA	0.	.0	0.	.0	.0	.0	0.	.0	.0	0.	0.
10 KANSAS	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
11 KENTUCKY	0.	.0	0.	.0	.0	0.	0.	.0	.0	0.	0.
12 LOUISIANA	0.	.0	.1	.0	.0	0.	0.	.0	.0	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
14 MICHIGAN	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
15 MINNESOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
16 MISS.	0.	.0	.0	.0	.0	0.	0.	.0	.0	0.	0.
17 MISSOURI	0.	.0	.0	.0	.0	0.	0.	.0	0.	0.	0.
18 MONTANA	0.	0.	0.	0.	0.	.0	0.	.0	.0	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	0.	0.	0.	0.	0.
20 NH/VT	0.	0.	0.	.0	.0	.0	0.	.0	.0	0.	0.
21 NEW JERSEY	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24 N CAROLINA	0.	.0	0.	.0	.0	0.	0.	.0	.0	0.	0.
25 N DAKOTA	.0	.0	.0	.0	.0	0.	0.	0.	0.	0.	0.
26 OHIO	0.	.0	0.	.0	.0	.0	.0	.0	.0	0.	0.
27 OKLAHOMA	0.	.0	.0	.0	.0	0.	0.	.0	.0	0.	0.
28 PENN.	0.	0.	0.	.0	.0	0.	0.	.0	.0	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	.0	0.	0.	.0	.0	0.	0.
30 S CARCLINA	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	0.
31 S DAKOTA	0.	.0	0.	.0	.0	.0	0.	.0	0.	0.	0.
32 TENNESSEE	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
33 TEXAS	0.	.1	.0	.0	.0	0.	0.	.0	.0	0.	0.
34 VIRGINIA	0.	.0	.3	.0	.0	0.	0.	.0	0.	0.	0.
35 W VIRGINIA	0.	.0	0.	.1	.0	0.	0.	0.	0.	0.	0.
36 WISCONSIN	0.	.0	0.	.0	.1	0.	0.	.0	0.	0.	0.
37 MANITOBA	0.	.0	.0	.0	.0	.0	0.	.0	0.	0.	0.
38 N BRUNS	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
39 ONTARIO	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	0.
40 QUEBEC	0.	0.	0.	.0	.0	.0	0.	.0	0.	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	0.
TOTAL (KTON)	.0	.2	.5	.3	.2	.0	.0	.0	.1	0.	0.

TABLE D-10. ENAMAP-2N HNO_3 CONCENTRATION FOR JANUARY 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO HNO3CONCENTRATIONS WITHIN RECEPTOR REGIONS 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	1.4	.0	0.	.0	1.1	1.4	.0	.0	0.	0.	.1	.3	0.	0.	0.
2 ARKANSAS	.4	.6	0.	.0	.2	.2	.0	.0	.0	.0	.1	.4	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5 FLORIDA	.0	0.	0.	0.	.2	.1	0.	0.	0.	0.	0.	0.	.0	0.	0.
6 GEORGIA	.4	0.	0.	.0	.8	1.3	0.	0.	0.	0.	0.	.0	0.	0.	0.
7 ILLINCIS	.5	.4	0.	1.0	.2	.4	1.4	2.1	.0	.0	2.0	.0	.4	.4	0.
8 INDIANA	.0	.0	0.	1.8	.0	.1	.6	2.1	.0	0.	1.9	0.	.9	.7	0.
9 IOWA	.0	.1	0.	.1	.0	.0	.5	.5	.4	.1	.3	.0	.1	.3	.0
10 KANSAS	.5	1.5	.0	.2	.4	.4	.4	.3	.2	.5	.8	.8	.1	.0	.0
11 KENTUCKY	.1	.0	0.	1.7	.1	.3	.0	.3	0.	0.	2.7	.0	.1	.0	0.
12 LOUISIANA	.8	.2	0.	.0	.9	.6	0.	0.	0.	.0	.0	2.2	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
14 MICHIGAN	0.	0.	0.	.4	0.	0.	.1	.6	.0	0.	.1	0.	2.0	.9	.0
15 MINNESCTA	.0	.0	0.	.1	.0	.0	.5	.5	.5	.0	.2	.1	.3	.8	.4
16 MISS.	.4	.1	0.	.0	.3	.3	.0	0.	0.	0.	.0	.3	.0	0.	0.
17 MISSOURI	.7	1.0	0.	.5	.3	.5	1.1	.7	.2	.2	1.3	.3	.2	.1	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0
21 NEW JERSEY	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
23 NEW YORK	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24 N CARCLINA	.0	0.	0.	.1	.1	.2	0.	0.	0.	0.	0.	0.	.6	.0	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	0.	0.	0.
26 OHIO	0.	0.	0.	2.4	0.	0.	.0	.2	0.	0.	.5	0.	.6	.0	0.
27 OKLAHOMA	.3	1.0	.0	.1	.2	.2	.1	.1	.0	.3	.2	.8	.0	.0	0.
28 PENN.	0.	0.	0.	2.3	0.	0.	0.	0.	0.	0.	.0	0.	.3	.0	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
30 S CAROLINA	.2	.1	0.	.6	.3	.6	.7	1.2	.0	.0	.6	.0	.5	.8	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.8	.1	0.	.3	.3	.9	.0	.0	0.	0.	.6	.1	.0	0.	0.
33 TEXAS	.5	.8	.0	.0	.3	.2	.0	.0	.0	.2	.0	1.8	.0	0.	0.
34 VIRGINIA	0.	0.	0.	.8	.0	.0	0.	0.	0.	0.	.0	0.	.0	0.	0.
35 W VIRGINIA	0.	0.	0.	2.6	.0	.0	0.	0.	0.	0.	.1	0.	.2	0.	0.
36 WISCONSIN	.0	.0	0.	.2	.0	.0	.4	.5	.1	.0	.2	.0	.4	1.1	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.3
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	.0	0.	.0	0.	1.0	.0	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	7.3	5.9	.1	16.6	5.8	7.6	6.1	9.5	1.7	1.3	11.6	7.3	9.1	5.3	.8

TABLE D-10. ENAMAP-2N HNO_3 CONCENTRATION FOR JANUARY 1977 (continued)

EMITTER REGION	TOTAL	CONTRIBUTIONS TO HNO3CONCENTRATIONS WITHIN RECEPTOR REGIONS														
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	.5	.0	0.	0.	0.	.0	0.	.0	.5	0.	0.	0.	0.	.0	1.1
2 ARKANSAS	.7	.1	0.	.0	.0	.0	0.	.0	.1	0.	.0	.0	.0	.0	.2
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	0.	.0	.5	0.	.0	.1	0.	.0	0.	.1	.1	0.
5 FLORICA	.0	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	.0
6 GEORGIA	.1	0.	0.	0.	0.	.0	0.	0.	.6	0.	0.	0.	0.	0.	1.7
7 ILLINCIS	.3	.7	0.	.0	.5	1.0	0.	.6	.7	0.	1.6	.0	1.0	.6	.4
8 INDIANA	.0	.2	0.	0.	1.4	1.5	0.	1.7	.6	0.	3.0	0.	1.9	1.7	.3
9 IOWA	.1	.2	0.	.0	.2	.1	0.	.2	.1	.0	.4	.0	.2	.1	.1
10 KANSAS	1.1	1.5	0.	.0	.1	.3	.0	.1	.3	0.	.3	.7	.3	.2	.2
11 KENTUCKY	.0	.0	0.	0.	.2	1.2	0.	.3	1.2	0.	.9	0.	.9	.5	.6
12 LOUISIANA	.9	.0	0.	0.	0.	.0	0.	.0	.1	0.	0.	.0	.0	.0	.3
13 MAINE	0.	0.	0.	0.	.1	.0	0.	.0	0.	0.	0.	0.	0.	.1	0.
14 MICHIGAN	0.	.0	0.	0.	2.4	1.3	0.	2.6	.0	0.	1.1	0.	1.1	2.0	.0
15 MINNESOTA	.0	.1	0.	.0	.3	.1	.0	.3	.1	.0	.3	.0	.2	.2	.0
16 MISS.	.5	.0	0.	0.	.0	.0	0.	.0	.0	0.	0.	.0	.0	.0	.1
17 MISSOURI	.8	1.5	0.	.0	.2	.5	0.	.2	.4	0.	.5	.3	.4	.3	.5
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.1	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	.2	.1	0.	.1	0.	0.	0.	0.	.0	.6	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	1.5	0.	.1	.0	0.	0.	0.	.1	.4	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	1.3	3.3	0.	1.4	0.	0.	.0	0.	.5	4.4	0.
24 N CARCLINA	0.	0.	0.	0.	0.	.0	0.	.0	1.8	0.	0.	0.	.0	.0	1.2
25 N DAKOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.1	.0	.0	.0	.0	.0
26 OHIO	0.	0.	0.	0.	1.0	3.3	0.	1.8	.1	0.	2.0	0.	3.4	1.9	.0
27 OKLAHOMA	.6	.4	0.	.0	.0	.1	.0	.0	.1	0.	.1	.8	.1	.1	.1
28 PENN.	0.	0.	0.	0.	.5	4.3	0.	1.1	.1	0.	.1	0.	2.2	1.9	0.
29 RI/MA/CT	0.	0.	0.	0.	.0	.2	0.	.1	0.	0.	0.	0.	.0	.7	0.
30 S CARCLINA	.1	.3	0.	0.	.6	.6	0.	.9	.8	0.	1.2	0.	.7	.6	1.3
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.5	.1	0.	0.	.0	.2	0.	.0	1.4	0.	.0	0.	.0	.1	1.3
33 TEXAS	.9	.1	0.	.0	.0	.0	.3	.0	.1	0.	.0	1.0	.0	.0	.1
34 VIRGINIA	0.	0.	0.	0.	.0	.3	0.	.0	1.1	0.	.0	0.	.1	.0	.2
35 W VIRGINIA	0.	0.	0.	0.	.2	2.2	0.	.5	.3	0.	.2	0.	2.0	.9	.0
36 WISCONSIN	.0	.1	0.	0.	.5	.3	0.	.5	.0	0.	.5	.0	.3	.4	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.1	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0	0.
39 ONTARIO	0.	.0	0.	0.	1.1	.1	0.	.9	.0	.0	.1	0.	.1	.8	0.
40 QUEBEC	0.	0.	0.	0.	.3	.0	0.	.1	0.	0.	.0	0.	.0	.1	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	7.0	5.4	.0	.2	11.3	23.2	.3	13.6	10.5	.2	12.3	2.9	15.5	18.6	9.8

TABLE D-10. ENAMAP-2N HNO_3 CONCENTRATION FOR JANUARY 1977 (concluded)

EMITTER REGION	TOTAL	CONTRIBUTIONS TO HNO3CONCENTRATIONS WITHIN RECEPTOR REGIONS									
	31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	0.	.4	.0	.1	.0	0.	0.	.0	0.	0.	0.
2 ARKANSAS	0.	.3	.0	.0	.0	.0	0.	.0	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.2	.0	0.	0.	.0	0.	0.	0.
5 FLORIDA	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	.1	0.	.1	.0	0.	0.	0.	0.	0.	0.
7 ILLINOIS	0.	1.2	.0	.9	1.1	.0	0.	.4	.1	.1	.1
8 INDIANA	0.	.6	0.	1.2	2.0	.0	0.	.7	.3	.3	.2
9 IOWA	.0	.1	.0	.1	.2	.3	0.	.1	.1	.1	.1
10 KANSAS	.0	1.0	.2	.2	.3	.0	0.	.1	.0	.0	.0
11 KENTUCKY	0.	1.0	0.	1.5	2.0	0.	0.	.2	.0	.0	.0
12 LOUISIANA	0.	.0	.2	.0	.0	0.	0.	.0	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.2	0.	.0	.0
14 MICHIGAN	0.	.0	0.	.1	.3	.0	0.	1.3	.8	.8	.6
15 MINNESOTA	.0	.1	.0	.1	.2	1.3	.0	.3	.3	.2	.1
16 MISS.	0.	.1	.0	.0	.0	0.	0.	.0	0.	0.	0.
17 MISSOURI	0.	1.2	.0	.4	.6	.0	0.	.2	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.2	.0	.0	.0
21 NEW JERSEY	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	.7	.0	.1	.1
24 N CAROLINA	0.	.0	0.	.6	.0	0.	0.	0.	0.	0.	0.
25 N DAKOTA	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
26 OHIO	0.	.0	0.	.5	1.9	0.	0.	.7	.1	.1	.1
27 OKLAHOMA	.0	.3	.3	.1	.1	.0	0.	.0	.0	.0	0.
28 PENN.	0.	0.	0.	.3	.3	0.	0.	.4	.0	.0	.0
29 RI/MA/CT	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.
30 S CAROLINA	0.	.4	0.	.4	.5	.1	0.	.3	.2	.2	.2
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	0.	1.5	.0	.8	.3	0.	0.	.0	0.	0.	0.
33 TEXAS	0.	.1	2.4	.0	.0	.0	0.	.0	.0	.0	0.
34 VIRGINIA	0.	.0	0.	1.2	.1	0.	0.	.0	0.	0.	0.
35 W VIRGINIA	0.	.0	0.	1.1	1.4	0.	0.	.2	.0	.0	.0
36 WISCONSIN	0.	.1	.0	.1	.2	.5	0.	.4	.4	.3	.2
37 MANITOBA	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.1	.0	.0	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	.8	.2	.3	.2
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.7	.0	.2	.2
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	.1	8.6	3.2	10.1	11.7	2.5	.0	8.3	2.7	3.0	2.2

CLASSIFICATION

TABLE D-11. ENAMAP-2N HNO_3 DRY DEPOSITION FOR JANUARY 1977

EMITTER REGION	TOTAL	CONTRIBUTIONS TO HNO3DRY DEPOSITIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	2.1	.0	0.	.0	1.4	2.9	.0	.0	0.	0.	.1	.5	0.	0.	0.
2 ARKANSAS	.7	1.2	0.	.0	.2	.5	.0	.0	.0	.0	.1	.7	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
5 FLORIDA	.0	0.	0.	0.	.3	.1	0.	0.	0.	0.	0.	.0	0.	0.	0.
6 GEORGIA	.6	0.	0.	.0	1.0	2.9	0.	0.	0.	0.	.0	.0	0.	0.	0.
7 ILLINOIS	.8	.7	0.	.6	.3	.9	2.7	2.6	.1	.1	2.9	.1	.5	.7	0.
8 INDIANA	.1	.0	0.	1.0	.0	.2	1.1	2.9	.0	0.	2.9	0.	1.2	1.3	0.
9 IOWA	.1	.1	0.	.1	.0	.1	1.0	.7	1.0	.2	.4	.1	.2	.7	.1
10 KANSAS	.9	2.8	.0	.1	.4	.7	.7	.5	.6	1.4	1.2	1.6	.1	.0	.0
11 KENTUCKY	.2	.0	0.	1.0	.1	.6	.1	.3	0.	0.	3.8	.0	.1	.0	0.
12 LOUISIANA	1.4	.3	0.	.0	1.1	1.1	0.	0.	0.	.0	.0	4.0	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
14 MICHIGAN	0.	0.	0.	.2	0.	0.	.2	.9	.0	0.	.1	0.	2.7	2.0	.0
15 MINNESOTA	.0	.1	0.	.1	.3	.0	.9	.7	1.4	.1	.3	.1	.4	1.8	1.2
16 MISS.	.6	.1	0.	.0	.4	.6	.0	0.	0.	0.	.0	.6	.0	0.	0.
17 MISSOURI	1.2	1.8	0.	.3	.4	1.0	2.0	.9	.5	.4	2.0	.7	.2	.1	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.1	.0	.0	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
21 NEW JERSEY	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.9	.0	0.
24 N CAROLINA	.0	0.	0.	.1	.1	.4	0.	0.	0.	0.	.0	0.	0.	0.	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.1	.2
26 OHIO	0.	0.	0.	1.3	0.	0.	.0	.3	0.	0.	.8	0.	1.2	.0	0.
27 OKLAHOMA	.5	1.9	.0	.1	.2	.4	.2	.1	.1	.8	.3	1.5	.0	.0	0.
28 PENN.	0.	0.	0.	1.3	0.	0.	0.	0.	0.	0.	.0	0.	.5	.0	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
30 S CAROLINA	.3	.1	0.	.3	.4	1.2	1.4	1.6	.0	.0	.9	.0	.6	1.6	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.1
32 TENNESSEE	1.3	.3	0.	.2	.4	1.9	.1	.1	0.	0.	.7	.2	.0	0.	0.
33 TEXAS	.7	1.5	.0	.0	.3	.5	.0	.0	.0	.7	.0	3.2	.0	0.	0.
34 VIRGINIA	0.	0.	0.	.5	.0	.1	0.	0.	0.	0.	.0	0.	.0	0.	0.
35 W VIRGINIA	0.	0.	0.	1.5	.0	.0	0.	0.	0.	0.	.1	0.	.3	0.	0.
36 WISCONSIN	.0	.0	0.	.1	.0	.1	.9	.7	.2	.0	.2	.0	.7	2.3	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.2	.8
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	.0	0.	.0	0.	1.5	.1	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTONS)	11.7	11.0	.1	9.4	7.0	16.2	11.7	12.5	4.8	3.9	16.9	13.2	12.8	11.2	2.4

TABLE D-11. ENAMAP-2N HNO_3 DRY DEPOSITION FOR JANUARY 1977 (continued)

EMITTER REGION	TOTAL	CONTRIBUTIONS TO HNO3DRY DEPOSITIONS WITHIN RECEPTOR REGIONS													
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	1.0	.0	0.	0.	0.	.0	0.	.0	.8	0.	0.	0.	0.	.0	1.3
2 ARKANSAS	1.3	.3	0.	.0	.0	.0	0.	.0	.1	0.	.0	.1	.0	.0	.2
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	0.	.0	.2	0.	.0	.2	0.	.0	0.	.2	.0	0.
5 FLORIDA	.0	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	.0
6 GEORGIA	.1	0.	0.	0.	0.	.0	0.	0.	1.2	0.	0.	0.	0.	0.	1.8
7 ILLINOIS	.6	1.6	0.	.0	.4	.3	0.	1.2	1.3	0.	2.4	.0	1.3	.3	.5
8 INDIANA	.0	.3	0.	0.	1.1	.5	0.	2.9	1.1	0.	4.7	0.	2.4	1.0	.4
9 ICWA	.1	.4	0.	.0	.1	.0	0.	.4	.2	.0	.6	.1	.3	.1	.1
10 KANSAS	1.9	3.2	0.	.1	.1	.1	.0	.3	.5	0.	.4	1.9	.4	.1	.3
11 KENTUCKY	.0	.0	0.	0.	.1	.3	0.	.5	2.1	0.	1.3	0.	1.3	.3	.7
12 LOUISIANA	1.4	.0	0.	0.	0.	.0	0.	.0	.2	0.	0.	.0	.0	.0	.3
13 MAINE	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	0.	.0	0.	0.	2.0	.4	0.	4.4	.0	0.	1.9	0.	1.4	1.2	.0
15 MINNESOTA	.0	.3	0.	.0	.2	.0	.0	.5	.1	.0	.5	.1	.2	.1	.0
16 MISS.	.9	.0	0.	0.	.0	.0	0.	.0	.1	0.	0.	.0	.0	.0	.1
17 MISSOURI	1.5	3.8	0.	.0	.2	.2	0.	.4	.7	0.	.9	.9	.5	.2	.5
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.2	0.	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	.2	.0	0.	.1	0.	0.	0.	0.	.0	.3	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	.6	0.	.2	.0	0.	0.	0.	.2	.1	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	.8	1.3	0.	2.6	0.	0.	.0	0.	.8	2.4	0.
24 N CARCLINA	0.	0.	0.	0.	0.	.0	0.	.0	3.3	0.	0.	0.	.0	.0	1.4
25 N DAKOTA	.0	.1	.0	.1	.0	.0	0.	.0	.0	.2	.0	.0	.0	.0	.0
26 OHIO	0.	0.	0.	0.	.6	.9	0.	3.0	.2	0.	3.2	0.	4.8	1.0	.0
27 OKLAHCMA	1.2	.8	0.	.1	.0	.0	.0	.0	.2	0.	.1	2.0	.1	.0	.1
28 PENN.	0.	0.	0.	0.	.2	1.5	0.	1.8	.1	0.	.2	0.	3.3	.7	0.
29 RI/MA/CT	0.	0.	0.	0.	.0	.1	0.	.1	0.	0.	0.	0.	.1	.4	0.
30 S CAROLINA	.2	.6	0.	0.	.5	.2	0.	1.6	1.4	0.	1.9	0.	.9	.4	1.4
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	1.0	.1	0.	0.	.0	.0	0.	.0	2.6	0.	.1	0.	.1	.0	1.4
33 TEXAS	1.8	.2	0.	.0	.0	.0	.2	.0	.1	0.	.0	2.5	.0	.0	.1
34 VIRGINIA	0.	0.	0.	0.	.0	.1	0.	.0	2.1	0.	.0	0.	.1	.0	.2
35 W VIRGINIA	0.	0.	0.	0.	.1	.7	0.	.8	.5	0.	.3	0.	2.8	.3	.0
36 WISCONSIN	.0	.2	0.	0.	.4	.1	0.	.9	.1	0.	.7	.0	.4	.2	.1
37 MANITOBA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.2	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0	0.
39 ONTARIO	0.	.0	0.	0.	.9	.0	0.	1.5	.0	.0	.1	0.	.1	.5	0.
40 QUEBEC	0.	0.	0.	0.	.3	.0	0.	.1	0.	0.	.0	0.	.0	.1	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	13.0	11.5	.0	.6	8.3	7.9	.2	23.5	19.3	.4	19.6	7.7	21.6	10.0	10.9

Camera Setting: Same Size

TABLE D-11. ENAMAP-2N HNO_3 DRY DEPOSITION FOR JANUARY 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO HNO3DRY DEPOSITIONS WITHIN PECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	0.	.6	.1	.1	.0	0.	0.	.0	0.	0.	0.
2 ARKANSAS	0.	.4	.4	.1	.0	.0	0.	.0	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.2	.0	0.	0.	.0	0.	0.	0.
5 FLORIDA	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	.2	0.	.1	.0	0.	0.	0.	0.	0.	0.
7 ILLINOIS	0.	1.9	.0	1.3	1.2	.1	0.	.9	1.9	1.9	.3
8 INDIANA	0.	1.0	0.	1.5	2.2	.0	0.	1.4	5.5	4.3	.7
9 IOWA	.0	.2	.1	.1	.1	.7	0.	.2	1.4	1.3	.2
10 KANSAS	.0	1.4	1.2	.3	.3	.0	0.	.2	.1	.1	.0
11 KENTUCKY	0.	1.7	0.	2.2	2.1	0.	0.	.4	.1	.1	.1
12 LOUISIANA	0.	.0	1.7	.0	.0	0.	0.	.0	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.3	0.	.1	.0
14 MICHIGAN	0.	.0	0.	.1	.2	.1	0.	2.7	12.5	11.3	1.5
15 MINNESOTA	.0	.1	.2	.2	.2	2.9	.0	.5	4.7	3.0	.4
16 MISS.	0.	.1	.1	.0	.0	0.	0.	.0	0.	0.	0.
17 MISSOURI	0.	1.8	.3	.5	.6	.1	0.	.3	.4	.4	.1
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.1	.1	.0	.0	.0	0.	.0	.1	.1	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.3	.0	.0	.0
21 NEW JERSEY	0.	0.	0.	.0	.0	0.	0.	.1	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	1.7	.5	.8	.2
24 N CARCLINA	0.	.0	0.	.8	.0	0.	0.	0.	0.	0.	0.
25 N DAKCTA	.2	.0	.0	.0	.0	.2	.0	.0	.2	.2	.0
26 OHIO	0.	.0	0.	.7	2.1	0.	0.	1.2	1.1	1.3	.3
27 OKLAHCMA	.0	.5	2.8	.1	.1	.0	0.	.1	.0	.0	0.
28 PENN.	0.	0.	0.	.4	.3	0.	0.	.8	.2	.3	.1
29 RI/MA/CT	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.	0.
30 S CARCLINA	0.	.7	0.	.5	.5	.2	0.	.7	3.8	3.2	.5
31 S DAKOTA	.1	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0
32 TENNESSEE	0.	2.3	.1	1.1	.4	0.	0.	.0	0.	0.	0.
33 TEXAS	0.	.2	18.9	.1	.0	.0	0.	.0	.0	0.	0.
34 VIRGINIA	0.	.0	0.	1.7	.1	0.	0.	.0	0.	0.	0.
35 W VIRGINIA	0.	.0	0.	1.5	1.6	0.	0.	.4	.0	.1	.0
36 WISCONSIN	0.	.1	.0	.2	.2	1.0	0.	.8	5.7	4.3	.5
37 MANITOBA	.0	.0	.0	.0	.0	.3	.3	.1	1.2	.4	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.3	.0	.1	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	1.5	3.1	4.4	.6
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	1.3	.1	2.8	.4
41 NEWFOLND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.4	13.3	25.9	14.1	12.4	5.7	.3	16.6	42.6	40.5	5.9

TABLE D-12. ENAMAP-2N HNO_3 WET DEPOSITION FOR JANUARY 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO HNO3WET DEPOSITIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	.2	.0	0.	.0	.0	.2	.0	0.	0.	0.	.0	.1	0.	0.	0.
2 ARKANSAS	.0	.1	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5 FLORIDA	.0	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
6 GEORGIA	.1	0.	0.	.0	.0	.0	0.	0.	0.	0.	0.	.0	0.	0.	0.
7 ILLINOIS	.0	.1	0.	.0	.0	.2	0.	0.	0.	0.	.0	.0	0.	0.	0.
8 INDIANA	.0	.0	0.	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	0.
9 IOWA	.0	.0	0.	.0	.0	.0	.0	.1	0.	0.	.1	0.	.0	.0	0.
10 KANSAS	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 KENTUCKY	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
12 LOUISIANA	.1	.0	0.	.0	.0	.0	.0	.0	0.	0.	.2	.0	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.3	0.	0.	0.
14 MICHIGAN	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
15 MINNESOTA	.0	.0	0.	.0	0.	0.	.0	.0	.0	0.	.0	0.	.0	.0	.0
16 MISS.	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17 MISSOURI	.0	.1	0.	.0	.0	.0	.0	0.	0.	0.	.0	.1	.0	0.	0.
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	.0	.0	.0	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.	0.	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0
21 NEW JERSEY	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0
22 NEW MEXICO	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
23 NEW YORK	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
24 N CARCLINA	.0	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.0	0.	0.	0.	0.	.0	0.	.0	.0	0.
26 OHIO	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	.0	0.	0.	0.	0.
27 OKLAHOMA	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28 PENN.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	.0	0.	.0	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	.0	0.	.0	0.	0.
30 S CARCLINA	.0	.0	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	0.
32 TENNESSEE	.1	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 TEXAS	.0	.1	.0	.0	.0	.1	.0	.0	0.	0.	.1	.0	.0	0.	0.
34 VIRGINIA	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	.0	.2	.0	0.	0.
35 W VIRGINIA	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	.0	0.	.0	0.	0.
36 WISCONSIN	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
37 MANITOBA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	0.	0.	0.	0.	.0	0.	0.
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0
41 NEWFOLND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.
TOTAL (KTON)	.6	.4	.0	.4	.2	1.0	.3	.3	.0	.1	.7	.8	.1	.1	.0

TABLE D-12. ENAMAP-2N HNO_3 WET DEPOSITION FOR JANUARY 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO HNO3WET DEPOSITIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	.1	.0	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.1
2 ARKANSAS	.1	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	0.
5 FLORIDA	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0
6 GEORGIA	.0	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0
7 ILLINOIS	.0	.1	0.	0.	.0	.0	0.	.0	.0	0.	0.	0.	0.	0.	.1
8 INDIANA	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
9 IOWA	.0	.0	0.	.0	.0	.0	0.	.0	.0	0.	.1	0.	.0	.0	.0
10 KANSAS	.1	.1	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
11 KENTUCKY	.0	.0	0.	0.	.0	.0	.0	.0	.0	0.	.0	.1	.0	.0	.0
12 LOUISIANA	.1	0.	0.	0.	0.	.0	0.	.0	.1	0.	.0	0.	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	.0	.0	0.	.0
14 MICHIGAN	0.	.0	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	0.	.0	0.
15 MINNESOTA	.0	.0	0.	.0	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	0.
16 MISS.	.1	.0	0.	0.	0.	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
17 MISSOURI	.0	.1	0.	.0	.0	.0	0.	.0	.0	0.	0.	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	.0	.0	.0	.0	.0
19 NEBRASKA	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	0.	0.	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.0	.0
21 NEW JERSEY	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.0	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.
23 NEW YORK	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24 N CAROLINA	0.	0.	0.	0.	.0	.1	0.	.0	0.	0.	.0	0.	.1	.1	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.0	0.	0.	.2	0.	0.	0.	.0	.0	.1
26 OHIO	0.	0.	0.	0.	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
27 OKLAHOMA	.1	.0	0.	.0	.0	.0	0.	.0	.0	0.	.1	0.	.1	.0	.0
28 PENN.	0.	0.	0.	0.	.0	.0	.0	.0	.0	0.	.0	.1	.0	.0	.0
29 RI/MA/CT	0.	0.	0.	0.	.0	.1	0.	.0	.0	0.	.0	0.	.1	.0	0.
30 S CARCLINA	.0	.0	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.0	0.
31 S DAKOTA	.0	.0	0.	.0	.0	.0	0.	.0	.1	0.	.0	0.	.0	.0	.1
32 TENNESSEE	.1	.0	0.	0.	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
33 TEXAS	.1	.0	0.	.0	.0	.0	0.	.0	.1	0.	.0	0.	.0	.0	.1
34 VIRGINIA	0.	0.	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
35 W VIRGINIA	0.	0.	0.	0.	.0	.0	0.	.0	.1	0.	.0	0.	.0	.0	.0
36 WISCONSIN	0.	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.1	.0	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	.0	0.	0.	.0	.0	.0	.0	0.	.0	.0	0.
39 ONTARIO	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	0.	.0	0.
40 QUEBEC	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	.0	0.	.0	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.
TOTAL (KTON)	.8	.4	.0	.0	.1	.3	.0	.2	.8	.0	.4	.2	.5	.4	.5

TABLE D-12. ENAMAP-2N HNO_3 WET DEPOSITION FOR JANUARY 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO HNO3WET DEPOSITIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	0.	.0	.0	.0	.0	0.	0.	0.	0.	0.	0.
2 ARKANSAS	0.	.0	.0	.0	.0	0.	0.	.0	.0	0.	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
5 FLORIDA	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	.0	0.	.0	.0	0.	0.	0.	0.	0.	0.
7 ILLINCIS	0.	.1	0.	.0	.0	.0	0.	.0	.0	0.	0.
8 INDIANA	0.	.0	0.	.1	.1	.0	0.	.0	.0	0.	0.
9 IOWA	0.	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
10 KANSAS	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
11 KENTUCKY	0.	.1	0.	.1	.1	0.	0.	.0	.0	0.	0.
12 LOUISIANA	0.	.0	.2	.0	.0	0.	0.	.0	.0	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
14 MICHIGAN	0.	0.	0.	.0	.0	.0	0.	.0	.1	0.	0.
15 MINNESOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
16 MISS.	0.	.0	.0	.0	.0	0.	0.	.0	0.	0.	0.
17 MISSOURI	0.	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
21 NEW JERSEY	0.	0.	0.	.0	.0	0.	0.	.0	.0	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
24 N CAROLINA	0.	.0	0.	.1	.0	0.	0.	.0	.0	0.	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
26 OHIO	0.	.0	0.	.0	.1	0.	0.	.0	.0	0.	0.
27 OKLAHOMA	0.	.0	.1	.0	.0	0.	0.	.0	.0	0.	0.
28 PENN.	0.	0.	0.	.0	.0	0.	0.	.0	.0	0.	0.
29 RI/MA/CT	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	0.
30 S CAROLINA	0.	.0	0.	.0	.0	.0	0.	.0	0.	0.	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
32 TENNESSEE	0.	.1	.0	.1	.0	0.	0.	.0	.0	0.	0.
33 TEXAS	0.	.0	.7	.0	.0	0.	0.	.0	0.	0.	0.
34 VIRGINIA	0.	.0	0.	.1	.0	0.	0.	0.	0.	0.	0.
35 W VIRGINIA	0.	.0	0.	.1	.1	0.	0.	.0	0.	0.	0.
36 WISCONSIN	0.	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
37 MANITOBA	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
39 ONTARIO	0.	0.	0.	.0	.0	.0	0.	.0	.0	0.	0.
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.0	.5	1.1	.6	.5	.1	.0	.1	.2	0.	0.

TABLE D-13. ENAMAP-2N NITRATE CONCENTRATION FOR JANUARY 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO3 CONCENTRATIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	.3	.0	0.	.0	.3	.3	.0	.0	0.	0.	.0	.1	0.	0.	0.
2 ARKANSAS	.1	.1	0.	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5 FLORIDA	.0	0.	0.	0.	.1	.0	0.	0.	0.	0.	0.	0.	.0	0.	0.
6 GEORGIA	.1	0.	0.	.0	.2	.3	0.	0.	0.	0.	0.	.0	0.	0.	0.
7 ILLINOIS	.1	.1	0.	.2	.0	.1	.3	.5	.0	.0	.4	.0	.1	.1	0.
8 INDIANA	.0	.0	0.	.4	.0	.0	.1	.5	.0	0.	.4	0.	.2	.2	0.
9 IOWA	.1	.3	.0	.0	.1	.1	.1	.1	.1	.0	.1	.0	.0	.1	.0
10 KANSAS	.0	.0	0.	.0	.0	.0	.1	.1	.0	.1	.2	.2	.0	.0	.0
11 KENTUCKY	.2	.0	0.	.0	.2	.1	.0	.1	0.	0.	.6	.0	.0	.0	0.
12 LOUISIANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.5	0.	0.	0.
13 MAINE	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
14 MICHIGAN	.0	.0	0.	.0	.0	.0	.1	.1	.0	0.	.0	0.	.5	.2	.0
15 MINNESOTA	.1	.0	0.	.0	.1	.1	.0	0.	.1	.0	.0	.0	.1	.2	.1
16 MISS.	.2	.2	0.	.1	.1	.1	.2	.2	.0	.0	.3	.1	.0	0.	0.
17 MISSOURI	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18 MONTANA	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.	0.	0.	.0	.0
19 NEBRASKA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0
21 NEW JERSEY	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
23 NEW YORK	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
24 N CAROLINA	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25 N DAKOTA	.0	0.	0.	.0	.0	.0	0.	0.	0.	0.	0.	0.	.1	.0	0.
26 OHIO	.0	.0	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.	0.	0.
27 OKLAHOMA	0.	0.	0.	.4	0.	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0
28 PENN.	.1	.2	.0	.0	.0	.0	.0	.1	0.	0.	.1	0.	.1	.0	0.
29 RI/MA/CT	0.	0.	0.	.5	0.	0.	0.	.0	0.	.1	.0	.2	.0	.0	0.
30 S CARCLINA	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	.0	0.	.1	.0	0.
31 S DAKOTA	.0	.0	0.	.1	.1	.1	.2	.3	.0	.0	0.	0.	.0	0.	0.
32 TENNESSEE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	0.
33 TEXAS	.2	.0	0.	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 VIRGINIA	.1	.2	.0	.0	.1	.0	.0	.0	0.	0.	.1	.0	.0	0.	0.
35 W VIRGINIA	0.	0.	0.	.2	.0	.0	0.	0.	.0	.0	.0	.4	.0	0.	0.
36 WISCONSIN	0.	0.	0.	.6	.0	.0	0.	0.	0.	0.	.0	0.	.0	0.	0.
37 MANITOBA	.0	.0	0.	.0	.0	.0	.1	.1	.0	.0	.0	0.	.0	0.	0.
38 N BRUNS	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0
39 ONTARIO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0	.1
40 QUEBEC	0.	0.	0.	.0	0.	0.	.0	.0	.0	0.	0.	0.	.0	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	.2	.0	.0
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	.0	0.
TOTAL UG/M3	1.6	1.3	.0	3.8	1.3	1.7	1.4	2.2	.4	.3	2.6	1.6	2.0	1.2	.2

CLASSIFICATION

TABLE D-13. ENAMAP-2N NITRATE CONCENTRATION FOR JANUARY 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO3 CONCENTRATIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	.1	.0	0.	0.	0.	.0	0.	.0	.1	0.	0.	0.	0.	.0	.2
2 ARKANSAS	.2	.0	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	0.	.0	.1	0.	.0	.0	0.	0.	.0	0.	.0	0.
5 FLORIDA	.0	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	.0	.0	0.
6 GEORGIA	.0	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0
7 ILLINOIS	.1	.2	0.	.0	.1	.2	0.	.1	.2	0.	.4	.0	.2	.1	.1
8 INDIANA	.0	.0	0.	0.	.3	.3	0.	.4	.1	0.	.7	0.	.4	.4	.1
9 IOWA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	.1	.0	.0	.0	.0
10 KANSAS	.2	.4	0.	.0	.0	.1	.0	.0	.1	0.	.1	.2	.1	.0	.0
11 KENTUCKY	.0	.0	0.	0.	.0	.3	0.	.1	.3	0.	.2	0.	.2	.1	.1
12 LOUISIANA	.2	.0	0.	0.	0.	.0	0.	.0	.0	0.	0.	.0	.0	.0	.1
13 MAINE	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	0.	.0	0.	0.	.5	.3	0.	.6	.0	0.	.2	0.	.3	.4	.0
15 MINNESOTA	.0	.0	0.	.0	.1	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0
16 MISS.	.1	.0	0.	0.	.0	.0	0.	.0	.0	0.	0.	.0	.0	.0	.0
17 MISSOURI	.2	.3	0.	.0	.0	.1	0.	.1	.1	0.	.1	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	.1	.1	.1
19 NEBRASKA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	.1	.0	0.	.0	0.	0.	0.	0.	.0	.0	.0
21 NEW JERSEY	0.	0.	0.	0.	.0	.4	0.	.0	.0	0.	0.	0.	.0	.1	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	.3	.8	0.	.3	0.	0.	.0	0.	.1	1.0	0.
24 N CARCLINA	0.	0.	0.	0.	0.	.0	0.	.0	.4	0.	0.	0.	.0	.0	.3
25 N DAKOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	0.	0.	0.	.2	.8	0.	.4	.0	0.	.5	0.	.8	.4	.0
27 OKLAHOMA	.1	.1	0.	.0	.0	.0	.0	.0	.0	0.	.0	.2	.0	.0	.0
28 PENN.	0.	0.	0.	0.	.1	1.0	0.	.3	.0	0.	.0	0.	.5	.4	0.
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.2	0.
30 S CAROLINA	.0	.1	0.	0.	.1	.1	0.	.2	.2	0.	.3	0.	.2	.1	.3
31 S DAKCTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.1	.0	0.	0.	.0	.0	0.	.0	.3	0.	.0	0.	.0	.0	.3
33 TEXAS	.2	.0	0.	.0	.0	.0	.1	.0	.0	0.	.0	0.	.0	.0	.0
34 VIRGINIA	0.	0.	0.	0.	.0	.1	0.	.0	.2	0.	.0	0.	.0	.0	.0
35 W VIRGINIA	0.	0.	0.	0.	.1	.5	0.	.1	.1	0.	.0	0.	.0	.0	.0
36 WISCONSIN	.0	.0	0.	0.	.1	.1	0.	.1	.0	0.	.1	.0	.1	.1	.0
37 MANITCBA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0	0.
39 ONTARIO	0.	.0	0.	0.	.2	.0	0.	.2	.0	.0	0.	0.	.0	.2	0.
40 QUEBEC	0.	0.	0.	0.	.1	.0	0.	.0	0.	0.	0.	0.	.0	.0	0.
41 NEWFOLND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	1.5	1.2	.0	.0	2.5	5.3	.1	3.1	2.3	.0	2.8	.7	3.6	4.2	2.2

CLASSIFICATION

TABLE D-13. ENAMAP-2N NITRATE CONCENTRATION FOR JANUARY 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO3 CONCENTRATIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	0.	.1	.0	.0	.0	0.	0.	.0	0.	0.	0.
2 ARKANSAS	0.	.1	.0	.0	.0	.0	0.	.0	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
5 FLORIDA	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	.0	0.	.0	.0	0.	0.	0.	0.	0.	0.
7 ILLINOIS	0.	.3	.0	.2	.3	.0	0.	.1	.0	.0	.0
8 INDIANA	0.	.1	0.	.3	.5	.0	0.	.2	.1	.1	.1
9 IOWA	.0	.0	.0	.0	.0	.1	0.	.0	.0	.0	.0
10 KANSAS	.0	.2	.0	.1	.1	.0	0.	.0	.0	.0	.0
11 KENTUCKY	0.	.2	0.	.3	.4	0.	0.	.0	.0	.0	.0
12 LOUISIANA	0.	.0	.0	.0	.0	0.	0.	.0	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.0	0.	.0	.0
14 MICHIGAN	0.	.0	0.	.0	.1	.0	0.	.3	.2	.2	.1
15 MINNESOTA	.0	.0	.0	.0	.0	.3	.0	.1	.1	.0	.0
16 MISS.	0.	.0	.0	.0	.0	0.	0.	.0	0.	0.	0.
17 MISSOURI	0.	.3	.0	.1	.1	.0	0.	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0
21 NEW JERSEY	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	.2	.0	.0	.0
24 N CAROLINA	0.	.0	0.	.1	.0	0.	0.	0.	0.	0.	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	.0	0.	.1	.4	0.	0.	.2	.0	.0	.0
27 OKLAHOMA	.0	.1	.1	.0	.0	.0	0.	.0	.0	.0	0.
28 PENN.	0.	0.	0.	.1	.1	0.	0.	.1	.0	.0	.0
29 RI/MA/CT	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
30 S CAROLINA	0.	.1	0.	.1	.1	.0	0.	.1	.1	.1	.0
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	0.	.4	.0	.2	.1	0.	0.	.0	0.	0.	0.
33 TEXAS	0.	.0	.5	.0	.0	.0	0.	.0	.0	0.	0.
34 VIRGINIA	0.	.0	0.	.3	.0	0.	0.	.0	0.	0.	0.
35 W VIRGINIA	0.	.0	0.	.2	.3	0.	0.	.1	.0	.0	.0
36 WISCONSIN	0.	.0	.0	.0	.0	.1	0.	.1	.1	.1	.0
37 MANITOBA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	.2	.0	.1	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.2	.0	.0	.0
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	.0	1.9	.7	2.3	2.6	.6	.0	1.9	.6	.7	.5

TABLE D-14. ENAMAP-2N NITRATE DRY DEPOSITION FOR JANUARY 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO3 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	.6	.0	0.	.0	.4	.8	.0	.0	0.	0.	.0	.1	0.	0.	0.
2 ARKANSAS	.2	.3	0.	.0	.1	.1	.0	.0	.0	.0	.0	.2	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5 FLORIDA	.0	0.	0.	0.	.1	.0	0.	0.	0.	0.	0.	0.	.0	0.	0.
6 GEORGIA	.2	0.	0.	.0	.2	.7	0.	0.	0.	0.	0.	.0	0.	0.	0.
7 ILLINOIS	.2	.2	0.	.1	.1	.2	.7	.0	0.	.0	.0	.0	0.	0.	0.
8 INDIANA	.0	.0	0.	.3	.0	.0	.3	.8	.0	0.	.7	.0	.2	.2	0.
9 IOWA	.0	.0	0.	.0	.0	.0	.3	.2	.3	.1	.1	.0	.0	.2	.0
10 KANSAS	.2	.7	.0	.0	.1	.2	.2	.1	.1	.4	.3	.4	.0	.0	.0
11 KENTUCKY	.1	.0	0.	.3	.0	.1	.0	.1	0.	0.	1.0	.0	.0	.0	0.
12 LOUISIANA	.3	.1	0.	.0	.3	.3	0.	0.	0.	.0	.0	1.0	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
14 MICHIGAN	0.	0.	0.	.1	0.	0.	.1	.2	.0	0.	.0	0.	.7	.5	.0
15 MINNESOTA	.0	.0	0.	.0	.0	.0	.2	.2	.4	.0	.1	.0	.1	.5	.3
16 MISS.	.2	.0	0.	.0	.1	.2	.0	0.	0.	0.	.0	.1	.0	0.	0.
17 MISSOURI	.3	.5	0.	.1	.1	.2	.5	.2	.1	.1	.5	.2	.1	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0	.0
21 NEW JERSEY	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24 N CAROLINA	.0	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25 N DAKOTA	.0	.0	0.	.0	.0	.1	0.	0.	0.	0.	0.	0.	.2	.0	0.
26 OHIO	0.	0.	.0	.0	.0	.0	.0	0.	.1	.0	.0	.0	0.	0.	0.
27 OKLAHOMA	.1	.5	.0	.0	.0	.1	.1	.0	0.	0.	.2	0.	.2	.0	0.
28 PENN.	0.	0.	0.	.3	0.	0.	0.	0.	0.	.2	.1	.4	.0	.0	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	.0	0.	.1	.0	0.
30 S CAROLINA	.1	.0	0.	.1	.1	.3	.4	.4	.0	.0	.2	.0	.2	.5	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.3	.1	0.	.0	.1	.5	.0	.0	0.	0.	.2	.0	.0	.0	0.
33 TEXAS	.2	.4	.0	.0	.1	.1	.0	.0	.0	.2	.0	.0	.0	0.	0.
34 VIRGINIA	0.	0.	0.	.1	.0	.0	0.	0.	0.	0.	.0	.8	.0	0.	0.
35 W VIRGINIA	0.	0.	0.	.4	.0	.0	.0	.0	0.	0.	.0	0.	.0	0.	0.
36 WISCONSIN	.0	.0	0.	.0	.0	.0	.0	.0	0.	0.	.0	0.	.1	0.	0.
37 MANITOBA	.0	.0	0.	.0	.0	.0	.2	.2	.1	.0	.1	.0	.2	.6	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0	.0	.0	.1	.2
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	.0	0.	0.	0.	.0	0.	0.
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	.4	.0	.0
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	.0	0.
TOTAL (KTON)	2.9	2.8	.0	2.4	1.7	4.1	3.1	3.3	1.2	1.0	4.3	3.3	3.2	3.0	.7

TABLE D-14. ENAMAP-2N NITRATE DRY DEPOSITION FOR JANUARY 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO3 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	.2	.0	0.	0.	0.	.0	0.	.0	.2	0.	0.	0.	0.	.0	.3
2 ARKANSAS	.3	.1	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	0.
5 FLORIDA	.0	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	.0
6 GEORGIA	.0	0.	0.	0.	0.	.0	0.	0.	.3	0.	0.	0.	0.	0.	.5
7 ILLINOIS	.1	.4	0.	.0	.1	.1	0.	.3	.3	0.	.6	.0	.4	.1	.1
8 INDIANA	.0	.1	0.	0.	.3	.1	0.	.8	.3	0.	1.3	0.	.7	.2	.1
9 IOWA	.0	.1	0.	.0	.0	.0	0.	.1	.0	.0	.1	.0	.1	.0	.0
10 KANSAS	.5	.9	0.	.0	.0	.0	.0	.1	.1	0.	.1	.4	.1	.0	.1
11 KENTUCKY	.0	.0	0.	0.	.0	.1	0.	.1	.6	0.	.4	0.	.3	.1	.2
12 LOUISIANA	.4	.0	0.	0.	0.	.0	0.	.0	.1	0.	0.	.0	.0	.0	.1
13 MAINE	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	0.	.0	0.	0.	.5	.1	0.	1.2	.0	0.	.4	0.	.4	.3	.0
15 MINNESOTA	.0	.1	0.	.0	.1	.0	.0	.1	.0	.0	.1	.0	.1	.0	.0
16 MISS.	.2	.0	0.	0.	.0	.0	0.	.0	.0	0.	0.	.0	.0	.0	.0
17 MISSOURI	.4	.9	0.	.0	.0	.0	0.	.1	.2	0.	.2	.2	.2	.0	.1
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.1	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	.1	0.	.1	.0	0.	0.	0.	.0	.1	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	.3	.3	0.	.7	0.	0.	.0	0.	.2	.6	0.
24 N CAROLINA	0.	0.	0.	0.	0.	.0	0.	.0	.9	0.	0.	0.	.0	.0	.4
25 N DAKOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.1	.0	.0	.0	.0	.0
26 OHIO	0.	0.	0.	0.	.2	.3	0.	.8	.1	0.	.9	0.	1.3	.3	.0
27 OKLAHOMA	.3	.2	0.	.0	.0	.0	.0	.0	.0	0.	.0	.5	.0	.0	.0
28 PENN.	0.	0.	0.	0.	.1	.4	0.	.5	.0	0.	.1	0.	.8	.3	0.
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.1	0.
30 S CAROLINA	.0	.2	0.	0.	.1	.0	0.	.4	.4	0.	.5	0.	.2	.1	.4
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.3	.0	0.	0.	.0	.0	0.	.0	.7	0.	.0	0.	.0	.0	.4
33 TEXAS	.4	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.6	.0	.0	.0
34 VIRGINIA	0.	0.	0.	0.	.0	.0	0.	.0	.5	0.	.0	0.	.0	.0	.1
35 W VIRGINIA	0.	0.	0.	0.	.0	.2	0.	.2	.1	0.	.1	0.	.7	.1	.0
36 WISCONSIN	.0	.1	0.	0.	.1	.0	0.	.2	.0	0.	.2	.0	.1	.1	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0	0.
39 ONTARIO	0.	.0	0.	0.	.2	.0	0.	.4	.0	.0	.0	0.	.0	.1	0.
40 QUEBEC	0.	0.	0.	0.	.1	.0	0.	.0	0.	0.	.0	0.	.0	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	3.3	3.1	.0	.1	2.2	2.1	.0	6.4	5.0	.1	5.1	1.9	5.6	2.6	2.8

TABLE D-14. ENAMAP-2N NITRATE DRY DEPOSITION FOR JANUARY 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO3 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	0.	.2	.0	.0	.0	0.	0.	.0	0.	0.	0.
2 ARKANSAS	0.	.1	.1	.0	.0	.0	0.	.0	.0	.0	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MC/DC	0.	0.	0.	.1	.0	0.	0.	.0	0.	0.	0.
5 FLORIDA	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	.1	0.	.0	.0	0.	0.	0.	0.	0.	0.
7 ILLINOIS	0.	.5	.0	.3	.3	.0	0.	.2	.5	.4	.1
8 INDIANA	0.	.2	0.	.4	.6	.0	0.	.4	1.4	1.0	.2
9 IOWA	.0	.1	.0	.0	.0	.2	0.	.1	.4	.3	.0
10 KANSAS	.0	.4	.3	.1	.1	.0	0.	.0	.0	.0	.0
11 KENTUCKY	0.	.4	0.	.5	.5	0.	0.	.1	.0	.0	.0
12 LOUISIANA	0.	.0	.4	.0	.0	0.	0.	.0	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.1	0.	.0	.0
14 MICHIGAN	0.	.0	0.	.0	.1	.0	0.	.7	3.4	2.7	.4
15 MINNESOTA	.0	.0	.0	.0	.0	.8	.0	.1	1.2	.7	.1
16 MISS.	0.	.0	.0	.0	.0	0.	0.	.0	0.	0.	0.
17 MISSOURI	0.	.5	.1	.1	.1	.0	0.	.1	.1	.1	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.1	.0	.0	.0
21 NEW JERSEY	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	.4	.1	.2	.0
24 N CAROLINA	0.	.0	0.	.2	.0	0.	0.	0.	0.	0.	0.
25 N DAKOTA	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
26 OHIO	0.	.0	0.	.2	.5	0.	0.	.4	.3	.3	.1
27 OKLAHOMA	.0	.1	.7	.0	.0	.0	0.	.0	.0	.0	0.
28 PENN.	0.	0.	0.	.1	.1	0.	0.	.2	.0	.1	.0
29 RI/MA/CT	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.
30 S CAROLINA	0.	.2	0.	.1	.1	.0	0.	.2	1.0	.8	.1
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	0.	.6	.0	.3	.1	0.	0.	.0	0.	0.	0.
33 TEXAS	0.	.0	4.9	.0	.0	.0	0.	.0	.0	0.	0.
34 VIRGINIA	0.	.0	0.	.4	.0	0.	0.	.0	0.	0.	0.
35 W VIRGINIA	0.	.0	0.	.4	.4	0.	0.	.1	.0	.0	.0
36 WISCONSIN	0.	.0	.0	.0	.0	.3	0.	.2	1.5	1.0	.1
37 MANITOBA	.0	.0	.0	.0	.0	.1	.1	.0	.3	.1	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.1	.0	.0	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	.4	.8	1.1	.2
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.4	.0	.7	.1
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.1	3.4	6.7	3.6	3.1	1.5	.1	4.3	11.1	9.9	1.6

TABLE D-15. ENAMAP-2N NITRATE WET DEPOSITION FOR JANUARY 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO3 WET DEPOSITIONS WITHIN RECEPTOR REGIONS 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	.1	.0	0.	.0	.0	.1	.0	0.	0.	0.	.0	.0	0.	0.	0.
2 ARKANSAS	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
5 FLORICA	.0	0.	0.	0.	.0	.0	0.	0.	0.	0.	0.	.0	0.	0.	0.
6 GEORGIA	.0	0.	0.	.0	.0	.1	0.	0.	0.	0.	.0	.0	0.	0.	0.
7 ILLINOIS	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
8 INDIANA	.0	.0	0.	.0	.0	.0	.0	.0	0.	0.	.1	0.	.0	.0	0.
9 IOWA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 KANSAS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
11 KENTUCKY	.0	.0	0.	.0	.0	.0	.0	.0	0.	0.	.1	.0	.0	.0	0.
12 LOUISIANA	.0	.0	0.	.0	.0	.0	0.	0.	0.	0.	.0	.1	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
14 MICHIGAN	0.	0.	0.	.0	0.	0.	.0	.0	.0	0.	.0	0.	.0	.0	.0
15 MINNESOTA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 MISS.	.0	.0	0.	.0	.0	.0	.0	0.	0.	0.	.0	.0	.0	0.	0.
17 MISSCURI	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
21 NEW JERSEY	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
22 NEW MEXICC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.
24 N CAROLINA	.0	0.	0.	.0	.0	.0	0.	0.	0.	0.	.0	0.	0.	0.	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	0.	0.	.0	0.	0.	.0	.0	0.	0.	.0	0.	.0	.0	0.
27 OKLAHCMA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
28 PENN.	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	.0	0.	.0	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
30 S CARCLINA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	.0	0.	.0	.0	.0	.0	.0	0.	0.	.0	.0	.0	0.	0.
33 TEXAS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	0.	0.
34 VIRGINIA	0.	0.	0.	.0	0.	.0	0.	0.	0.	0.	.0	0.	.0	0.	0.
35 W VIRGINIA	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	.0	0.	.0	0.	0.
36 WISCONSIN	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	.0	0.	.0	0.	.0	.0	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.3	.2	.0	.2	.1	.4	.1	.1	.0	.0	.3	.3	.0	.1	.0

TABLE D-15. ENAMAP-2N NITRATE WET DEPOSITION FOR JANUARY 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO3 WET DEPOSITIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	.1	.0	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0
2 ARKANSAS	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	0.
5 FLORIDA	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0
6 GEORGIA	.0	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0
7 ILLINOIS	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
8 INDIANA	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
9 IOWA	.0	.0	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
10 KANSAS	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
11 KENTUCKY	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
12 LOUISIANA	.0	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	.0	.0	0.	.0
13 MAINE	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	0.	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	0.
15 MINNESOTA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
16 MISS.	.0	.0	0.	0.	0.	.0	0.	.0	.0	0.	0.	.0	.0	.0	.0
17 MISSOURI	.0	.0	0.	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.0	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.0	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	.0	.1	0.	.0	0.	0.	.0	0.	.0	.1	0.
24 N CAROLINA	0.	0.	0.	0.	0.	.0	0.	0.	.1	0.	0.	0.	.0	.0	.0
25 N DAKOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
27 OKLAHOMA	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
28 PENN.	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	0.
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.0	0.
30 S CAROLINA	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
31 S DAKOTA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
33 TEXAS	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
34 VIRGINIA	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
35 W VIRGINIA	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
36 WISCONSIN	0.	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
37 MANITOBA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0	0.	.0	.0	0.
38 N BRUNS	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0	0.
39 ONTARIO	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	.0	0.	.0	.0	0.
40 QUEBEC	0.	0.	0.	0.	.0	.0	0.	.0	0.	0.	0.	0.	.0	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.3	.2	.0	.0	.0	.2	.0	.1	.3	.0	.2	.1	.2	.2	.2

TABLE D-15. ENAMAP-2N NITRATE WET DEPOSITION FOR JANUARY 1977 (concluded)

EMITTER REGION	TOTAL	CONTRIBUTIONS TO NO3 WET DEPOSITIONS WITHIN RECEPTOR REGIONS									
	31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	0.	.0	.0	.0	.0	0.	0.	0.	0.	0.	0.
2 ARKANSAS	0.	.0	.0	.0	.0	0.	0.	.0	.0	0.	0.
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
5 FLORIDA	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
6 GEORGIA	0.	.0	0.	.0	.0	0.	0.	0.	0.	0.	0.
7 ILLINOIS	0.	.0	0.	.0	.0	.0	0.	.0	.0	0.	0.
8 INDIANA	0.	.0	0.	.0	.0	.0	0.	.0	.0	0.	0.
9 IOWA	0.	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
10 KANSAS	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
11 KENTUCKY	0.	.0	0.	.0	.0	0.	0.	.0	.0	0.	0.
12 LOUISIANA	0.	.0	.1	.0	.0	0.	0.	.0	0.	0.	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
14 MICHIGAN	0.	0.	0.	.0	.0	.0	0.	.0	.0	0.	0.
15 MINNESOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
16 MISS.	0.	.0	.0	.0	.0	0.	0.	.0	0.	0.	0.
17 MISSOURI	0.	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
21 NEW JERSEY	0.	0.	0.	.0	.0	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	.0	.0	0.	0.
24 N CAROLINA	0.	.0	0.	.0	.0	0.	0.	0.	0.	0.	0.
25 N DAKOTA	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
26 OHIO	0.	.0	0.	.0	.0	0.	0.	.0	.0	0.	0.
27 OKLAHOMA	0.	.0	.0	.0	.0	0.	0.	.0	.0	0.	0.
28 PENN.	0.	0.	0.	.0	.0	0.	0.	.0	.0	0.	0.
29 RI/MA/CT	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
30 S CAROLINA	0.	.0	0.	.0	.0	.0	0.	.0	.0	0.	0.
31 S DAKOTA	.0	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
32 TENNESSEE	0.	.1	.0	.0	.0	0.	0.	.0	0.	0.	0.
33 TEXAS	0.	.0	.3	.0	.0	0.	0.	0.	0.	0.	0.
34 VIRGINIA	0.	.0	0.	.1	.0	0.	0.	.0	0.	0.	0.
35 W VIRGINIA	0.	.0	0.	.0	.0	0.	0.	.0	0.	0.	0.
36 WISCONSIN	0.	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
37 MANITOBA	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
39 ONTARIO	0.	0.	0.	.0	.0	.0	0.	.0	.0	0.	0.
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.0	.2	.5	.3	.2	.0	.0	.1	.1	0.	0.

TABLE D-16. ENAMAP-2N NO CONCENTRATION FOR AUGUST 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO CONCENTRATIONS WITHIN RECEPTOR REGIONS 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	.6	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	0.
2 ARKANSAS	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MC/DC	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
5 FLORIDA	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	0.	0.	0.
6 GEORGIA	.3	.0	.0	.0	.1	.6	.0	.0	.0	.0	.0	.0	0.	0.	0.
7 ILLINOIS	.0	.0	.0	.0	.0	.0	.9	.3	.0	.0	.0	.0	.0	.0	0.
8 INDIANA	.0	.0	0.	.0	.0	.0	.1	1.3	.0	.0	.2	.0	.0	.1	.0
9 IOWA	.0	.0	.0	.0	0.	.0	.0	.0	.2	.0	.0	.0	.0	.2	0.
10 KANSAS	.0	.0	.0	0.	0.	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
11 KENTUCKY	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
12 LOUISIANA	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.8	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9	.0	.0	.0
14 MICHIGAN	.0	.0	0.	.0	0.	.0	.0	.1	.0	0.	0.	0.	.1	0.	0.
15 MINNESOTA	.0	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	.0	.0	.8	.0
16 MISS.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
17 MISSOURI	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	0.
18 MONTANA	0.	0.	0.	0.	0.	0.	.2	.0	.1	.1	.0	.0	.0	.0	.0
19 NEBRASKA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20 NH/VT	0.	.0	.0	0.	0.	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 NEW JERSEY	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
22 NEW MEXICO	0.	0.	0.	.1	.0	.0	0.	0.	0.	0.	0.	.0	.0	0.	0.
23 NEW YORK	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24 N CARCLINA	.0	.0	0.	.0	.0	.0	0.	0.	0.	0.	0.	.0	.1	0.	0.
25 N DAKOTA	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
26 OHIO	.0	.0	0.	.0	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0
27 OKLAHOMA	.0	.0	.0	.1	.0	.0	.0	.0	0.	0.	.1	.0	.0	.0	0.
28 PENN.	.0	.0	0.	.0	0.	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
29 RI/MA/CT	0.	0.	0.	.7	0.	.0	.0	.0	0.	0.	.0	.0	.0	0.	0.
30 S CARCLINA	.0	.0	.0	.0	.0	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
31 S DAKOTA	0.	.0	.0	.0	.0	.1	.5	.2	.0	.0	.0	.0	.0	.1	.0
32 TENNESSEE	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0
33 TEXAS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
34 VIRGINIA	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
35 W VIRGINIA	.0	.0	0.	.3	.0	.0	.0	.0	0.	0.	.0	.0	.0	.0	0.
36 WISCONSIN	.0	.0	0.	.0	0.	.0	.0	.0	.0	0.	.0	.0	.0	.0	0.
37 MANITOBA	0.	0.	0.	0.	0.	0.	.0	.0	.0	0.	0.	.0	.0	.1	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	0.	0.	.0	.0	.0
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	0.	0.	0.	0.	.0	0.	0.
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
TOTAL UG/M3	1.0	.5	.0	2.1	.3	.8	1.9	2.2	.5	.4	1.6	1.1	.5	1.4	.3

TABLE D-16. ENAMAP-2N NO CONCENTRATION FOR AUGUST 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO CONCENTRATIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	.4	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
2 ARKANSAS	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	0.	.0	.0	.1	.0	.0	.0	0.	.0	.0	.0	.0	.0
5 FLORIDA	.0	.0	0.	.0	0.	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
6 GEORGIA	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
7 ILLINOIS	.0	.1	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.1
8 INDIANA	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.1	.0	.0	.0	.0
9 IOWA	.0	.0	0.	.0	.0	.0	0.	.1	.0	0.	.4	.0	.1	.0	.0
10 KANSAS	.0	.4	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
11 KENTUCKY	.0	.0	0.	0.	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
12 LOUISIANA	.1	.0	0.	.0	.0	.0	.0	.0	.0	0.	.4	.0	.1	.0	.0
13 MAINE	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0
14 MICHIGAN	.0	.0	0.	0.	.0	.0	0.	.1	.0	0.	.3	.0	.0	.0	0.
15 MINNESOTA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 MISS.	.2	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
17 MISSOURI	.0	.5	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	0.
21 NEW JERSEY	.0	0.	0.	0.	.2	.0	0.	.0	0.	0.	0.	0.	0.	.3	0.
22 NEW MEXICO	0.	0.	0.	0.	.0	1.9	0.	.1	.0	0.	0.	0.	.1	.2	.0
23 NEW YORK	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24 N CARCLINA	.0	.0	0.	0.	.4	1.9	0.	1.1	.0	0.	.0	0.	.1	1.9	.0
25 N DAKOTA	0.	.0	.0	.0	.0	.0	.0	.0	.7	0.	.0	.0	.0	.0	.2
26 OHIO	.0	.0	0.	0.	.0	.1	.0	.2	.0	0.	1.1	0.	.4	.1	.0
27 OKLAHOMA	.0	.1	0.	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	0.
28 PENN.	.0	.0	0.	0.	.1	.7	0.	.2	.0	0.	.0	0.	1.3	.3	.0
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	0.	0.	.0	.6	.0
30 S CARCLINA	.0	.0	0.	.0	.0	.0	.0	.0	.1	0.	.0	.0	.0	.0	.6
31 S DAKOTA	0.	.0	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	0.	0.
32 TENNESSEE	.1	.0	0.	.0	.0	.0	.0	.0	.1	0.	.0	.0	.0	.0	.0
33 TEXAS	.0	.0	0.	.0	.0	.0	.2	.0	.0	.0	.0	.2	.0	.0	0.
34 VIRGINIA	.0	.0	0.	.0	.0	.0	.0	.0	.2	0.	.0	.0	.0	.0	.0
35 W VIRGINIA	.0	.0	0.	0.	.0	.1	.0	.1	.0	0.	.1	.0	.4	.0	.0
36 WISCONSIN	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
37 MANITOBA	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	0.	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39 ONTARIO	0.	0.	0.	0.	.0	.0	0.	.1	.0	.0	.0	0.	.0	.0	0.
40 QUEBEC	0.	0.	0.	0.	.1	0.	0.	.0	0.	0.	0.	0.	.0	.0	.0
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	.9	1.2	.0	.0	1.0	4.9	.2	1.9	1.1	.0	2.6	.5	2.6	3.5	.9

TABLE D-16. ENAMAP-2N NO CONCENTRATION FOR AUGUST 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO CONCENTRATIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	.0	.1	.0	.0	.0	.0	0.	.0	.0	.0	0.
2 ARKANSAS	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	.0	.0	.1	.0	.0	0.	.0	.0	0.	0.
5 FLORIDA	0.	.0	.0	.0	.0	0.	0.	0.	.0	0.	0.
6 GEORGIA	.0	.1	.0	.0	.0	.0	0.	.0	.0	.0	0.
7 ILLINOIS	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	0.
8 INDIANA	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
9 IOWA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
10 KANSAS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 KENTUCKY	0.	.2	.0	.1	.2	.0	0.	.0	.0	.0	.0
12 LOUISIANA	.0	.0	.1	0.	.0	.0	0.	.0	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.0	0.	.0	.0
14 MICHIGAN	0.	.0	.0	.0	.0	.0	0.	.0	.1	.0	.0
15 MINNESOTA	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
16 MISS.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	0.
17 MISSOURI	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0
21 NEW JERSEY	0.	0.	.0	.0	.0	0.	0.	.0	0.	.0	.0
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	.0	.0	.0	0.	0.	.1	.0	.0	.0
24 N CAROLINA	.0	.0	.0	.2	.0	0.	0.	.0	.0	.0	0.
25 N DAKOTA	.0	.0	0.	0.	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	.0	.0	.0	.4	.0	0.	.0	.0	.0	.0
27 OKLAHOMA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
28 PENN.	0.	.0	.0	.1	.2	0.	0.	.0	.0	.0	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	.0	.0	.0	0.
30 S CAROLINA	.0	.0	.0	.0	.0	.1	0.	.0	.0	.0	.0
31 S DAKOTA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	.5	.0	.1	.0	.0	0.	.0	.0	.0	.0
33 TEXAS	.0	.0	.4	.0	.0	.0	0.	.0	.0	.0	.0
34 VIRGINIA	0.	.0	.0	.7	.1	0.	0.	.0	.0	.0	0.
35 W VIRGINIA	0.	.0	.0	.1	.8	0.	0.	.0	.0	.0	0.
36 WISCONSIN	0.	.0	.0	.0	.0	.3	0.	.0	.0	.0	.0
37 MANITOBA	.0	0.	0.	0.	.0	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.1	0.	.0	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	.0	.1	.0	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	.0	1.1	.5	1.3	1.8	.8	.0	.3	.3	.1	.0

TABLE D-17. ENAMAP-2N NO DRY DEPOSITION FOR AUGUST 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO DRY DEPOSITIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
2 ARKANSAS	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
5 FLORIDA	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
6 GEORGIA	.1	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	0.
7 ILLINOIS	.0	.0	.0	.0	.0	.0	.6	.2	.0	.0	.0	.0	.0	.0	0.
8 INDIANA	.0	.0	0.	.0	.0	.0	.1	.6	.0	.0	.1	.0	.0	.2	0.
9 IOWA	.0	.0	.0	.0	0.	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
10 KANSAS	.0	.0	.0	0.	0.	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
11 KENTUCKY	.0	.0	0.	.0	.0	.0	.0	.1	.0	.0	.4	.0	.0	.0	0.
12 LOUISIANA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
14 MICHIGAN	.0	.0	0.	.0	0.	.0	.0	.0	.0	0.	.0	.0	.0	.6	.0
15 MINNESOTA	.0	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	.0	.0	.0	.2
16 MISS.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	0.
17 MISSOURI	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	0.	0.	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
21 NEW JERSEY	.0	0.	0.	.0	.0	.0	0.	0.	0.	0.	0.	.0	.0	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	.0	0.	0.	.0	.0	.0	0.	0.	0.	0.	0.	.0	.1	0.	0.
24 N CAROLINA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
25 N DAKOTA	0.	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0
26 OHIO	.0	.0	0.	.0	.0	.0	.0	.0	0.	0.	.1	.0	.0	.0	0.
27 OKLAHOMA	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	.1	.0	.0	.0	0.
28 PENN.	.0	.0	0.	.1	0.	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
30 S CAROLINA	.0	.0	.0	.0	.0	.1	.3	.1	.0	.0	.0	.0	.0	.1	.0
31 S DAKOTA	0.	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0
32 TENNESSEE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
33 TEXAS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
34 VIRGINIA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
35 W VIRGINIA	.0	.0	0.	.1	.0	.0	.0	.0	0.	0.	.0	.0	.0	.0	0.
36 WISCONSIN	.0	.0	0.	.0	0.	.0	.0	.0	.0	0.	.0	.0	.0	.1	.0
37 MANITOBA	0.	0.	0.	0.	0.	0.	.0	.0	.0	0.	0.	0.	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	0.	0.	.0	0.	.0	.0	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
41 NEWFLND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.6	.4	.0	.4	.1	.6	1.3	1.0	.5	.4	.8	.7	.3	1.1	.3

TABLE D-17. ENAMAP-2N NO DRY DEPOSITION FOR AUGUST 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO DRY DEPOSITIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	.3	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
2 ARKANSAS	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
5 FLORIDA	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
6 GEORGIA	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
7 ILLINOIS	.0	.1	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
8 INDIANA	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
9 IOWA	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.2	.0	.0	.0	.0
10 KANSAS	.0	.3	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
11 KENTUCKY	.0	.0	0.	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12 LOUISIANA	.0	.0	0.	.0	.0	.0	0.	.0	.0	0.	.2	.0	.0	.0	.0
13 MAINE	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	.0	.0	.0	.0	.0
14 MICHIGAN	.0	.0	0.	0.	.0	.0	0.	.1	.0	0.	.2	.0	.0	.0	.0
15 MINNESOTA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
16 MISS.	.1	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
17 MISSOURI	.0	.4	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	.1	.0	0.	.0	0.	0.	0.	0.	0.	.1	0.
21 NEW JERSEY	.0	0.	0.	0.	.0	.2	0.	.0	.0	0.	0.	0.	.0	.0	.0
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	.0	0.	0.	0.	.1	.2	0.	.7	.0	0.	.0	0.	.1	.4	.0
24 N CARCLINA	.0	.0	0.	.0	.0	.0	.0	.0	.5	0.	.0	.0	.0	.0	.1
25 N DAKOTA	0.	.0	.0	.0	.0	.0	0.	.0	0.	.0	.0	.0	.0	.0	.0
26 OHIO	.0	.0	0.	0.	.0	.0	.0	.1	.0	0.	.6	0.	.2	.0	.0
27 OKLAHOMA	.0	.1	0.	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	0.
28 PENN.	.0	.0	0.	0.	.0	.1	0.	.1	.0	0.	.0	0.	.6	.1	.0
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	0.	0.	.0	.1	.0
30 S CARCLINA	.0	.0	0.	.0	.0	.0	.0	.0	.1	0.	.0	.0	.0	.0	.2
31 S DAKOTA	0.	.0	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	0.	0.
32 TENNESSEE	.1	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
33 TEXAS	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 VIRGINIA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	0.
35 W VIRGINIA	.0	.0	0.	0.	.0	.0	.0	.0	.1	0.	.0	.0	.0	.0	.0
36 WISCONSIN	.0	.0	0.	0.	.0	.0	.0	.0	.0	0.	.1	.0	.2	.0	.0
37 MANITOBA	0.	.0	.0	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.
39 ONTARIO	0.	0.	0.	0.	.0	.0	0.	.1	.0	.0	.0	0.	.0	.0	.0
40 QUEBEC	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	.0	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.6	1.0	.0	.0	.3	.6	.0	1.2	.8	.0	1.5	.5	1.3	.7	.4

TABLE D-17. ENAMAP-2N NO DRY DEPOSITION FOR AUGUST 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO DRY DEPOSITIONS WITHIN RECEPTOR REGIONS										
	31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	.0	.1	.0	.0	.0	.0	0.	.0	.0	.0	0.
2 ARKANSAS	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	.0	.0	.0	.0	.0	0.	0.	.0	0.	0.
5 FLORIDA	0.	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
6 GEORGIA	.0	.0	.0	.0	.0	0.	0.	0.	.0	0.	0.
7 ILLINOIS	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	0.
8 INDIANA	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
9 IOWA	.0	.0	.0	.0	.0	.0	0.	.0	.2	.0	.0
10 KANSAS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 KENTUCKY	0.	.1	.0	.0	.1	.0	0.	.0	.0	.0	.0
12 LOUISIANA	.0	.0	.2	0.	.0	.0	0.	.0	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0
14 MICHIGAN	0.	.0	.0	.0	.0	.0	0.	.0	0.	.0	.0
15 MINNESOTA	.0	.0	.0	.0	.0	.0	0.	.0	.7	.1	.0
16 MISS.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
17 MISSOURI	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	0.
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0
19 NEBRASKA	.0	.0	.0	0.	0.	.0	0.	0.	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	0.	.0	.0	.0	.0	.0	.0
21 NEW JERSEY	0.	0.	.0	.0	.0	0.	0.	.0	0.	.0	.0
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.
23 NEW YORK	0.	0.	.0	.0	0.	0.	0.	0.	0.	0.	0.
24 N CAROLINA	.0	.0	.0	.1	.0	0.	0.	.0	.1	.0	.0
25 N DAKOTA	.0	.0	0.	0.	.0	.0	.0	.0	.0	.0	0.
26 OHIO	0.	.0	.0	.0	.2	.0	0.	.0	.1	.0	.0
27 OKLAHOMA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
28 PENN.	0.	.0	.0	.0	.1	0.	0.	.0	.0	.0	.0
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	.0	.0	.0	0.
30 S CAROLINA	.0	.0	.0	.0	.0	.1	0.	.0	0.	0.	0.
31 S DAKOTA	.0	.0	0.	.0	.0	.0	.0	.0	.1	.0	.0
32 TENNESSEE	.0	.3	.0	.0	.0	.0	0.	.0	.0	.0	.0
33 TEXAS	.0	.0	1.3	.0	.0	.0	0.	.0	.0	.0	.0
34 VIRGINIA	0.	.0	.0	.3	.0	0.	0.	.0	.0	.0	.0
35 W VIRGINIA	0.	.0	.0	.1	.3	0.	0.	.0	.0	.0	0.
36 WISCONSIN	0.	.0	.0	.0	.0	.3	0.	.0	.0	.0	0.
37 MANITOBA	.0	0.	0.	0.	.0	.0	.0	.0	.1	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	0.	.0	0.	.0	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.0	.5	.1	.0
41 NEWFCUND	0.	0.	0.	0.	0.	0.	0.	.0	.0	.2	.0
TOTAL (KTON)	.0	.6	1.6	.7	.7	.6	.0	.2	1.8	.5	.0

TABLE D-18. ENAMAP-2N NO WET DEPOSITION FOR AUGUST 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO WET DEPOSITIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
2 ARKANSAS	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	0.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
5 FLORIDA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.	0.
6 GEORGIA	.1	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	0.
7 ILLINOIS	.0	.0	0.	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0
8 INDIANA	.0	.0	0.	.0	.0	.0	.0	.3	.0	0.	.0	.0	.0	.1	0.
9 IOWA	.0	.0	.0	.0	0.	0.	.0	.0	.1	.0	.0	0.	.0	.0	.0
10 KANSAS	0.	.0	.0	0.	0.	.0	.0	.0	.0	.1	.0	0.	.0	.0	.0
11 KENTUCKY	.0	.0	0.	.0	.0	.0	.0	.1	.0	0.	.3	.0	.0	.0	0.
12 LOUISIANA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
14 MICHIGAN	.0	.0	0.	.0	0.	0.	.0	.0	.0	0.	.0	.0	.0	.2	.0
15 MINNESOTA	.0	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.1
16 MISS.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
17 MISSOURI	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	0.	0.	0.	.0	.0	.0	.0	0.	0.	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
21 NEW JERSEY	.0	0.	0.	.0	0.	.0	0.	0.	0.	0.	0.	0.	.0	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	.0	0.	0.	.0	.0	0.	0.	0.	0.	0.	0.	.0	.0	0.	0.
24 N CAROLINA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
25 N DAKOTA	0.	0.	.0	.0	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0
26 OHIO	.0	.0	0.	.0	0.	.0	.0	.0	0.	0.	.0	.0	.0	.0	0.
27 OKLAHOMA	0.	.0	.0	0.	0.	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0
28 PENN.	0.	0.	0.	.1	0.	.0	.0	.0	0.	0.	.0	.0	.0	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
30 S CAROLINA	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
31 S DAKOTA	0.	0.	.0	0.	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0
32 TENNESSEE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	0.
33 TEXAS	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 VIRGINIA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
35 W VIRGINIA	.0	.0	0.	.0	.0	.0	.0	.0	0.	0.	.0	0.	.0	.0	0.
36 WISCONSIN	.0	.0	0.	.0	0.	.0	.0	.0	.0	0.	.0	0.	.0	.0	.0
37 MANITOBA	0.	0.	0.	0.	0.	0.	.0	.0	.0	0.	0.	0.	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	0.	.0	0.	0.	.0	0.	.0	.0	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.2	.1	.0	.3	.0	.4	.7	.5	.2	.2	.5	.4	.2	.4	.1

TABLE D-18. ENAMAP-2N NO WET DEPOSITION FOR AUGUST 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO WET DEPOSITIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	.1	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
2 ARKANSAS	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5 FLORIDA	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	0.	0.	0.	0.	0.
6 GEORGIA	.0	.0	0.	.0	0.	.0	.0	.0	.0	0.	.0	0.	.0	.0	.0
7 ILLINOIS	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	0.	.0
8 INDIANA	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
9 IOWA	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
10 KANSAS	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.1	0.	.0	.0	.0
11 KENTUCKY	0.	.1	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0	.0
12 LOUISIANA	.0	.0	0.	0.	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	0.
13 MAINE	.0	.0	0.	.0	.0	.0	.0	.0	.0	0.	.2	0.	.0	.0	.0
14 MICHIGAN	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	.0	.0	.0	.0	.0
15 MINNESOTA	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	0.	0.	0.	.0	0.
16 MISS.	.0	.0	0.	.0	.0	.0	0.	.0	.0	0.	.1	.0	.0	.0	0.
17 MISSOURI	.0	.0	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	0.
18 MONTANA	.0	.1	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
19 NEBRASKA	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	.0	0.	.0	.0	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	.0	0.	.0	0.	.0	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	.0	.2	0.	.0	.0	0.	0.	0.	0.	.0	0.
23 NEW YORK	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0
24 N CAROLINA	.0	0.	0.	0.	.1	.1	0.	.4	.0	0.	0.	0.	0.	0.	0.
25 N DAKOTA	.0	.0	0.	.0	.0	.0	.0	.0	.3	0.	.0	.0	.0	.3	0.
26 OHIO	0.	.0	.0	.0	.0	0.	0.	.0	0.	.0	.0	.0	.0	.0	.0
27 OKLAHOMA	.0	0.	0.	0.	.0	.0	0.	.1	.0	0.	.3	0.	.0	0.	0.
28 PENN.	0.	.0	0.	.0	.0	0.	.0	.0	0.	.0	.0	.1	.1	.0	.0
29 RI/MA/CT	0.	0.	0.	0.	.0	.1	0.	.1	.0	0.	.0	0.	.4	.0	.0
30 S CAROLINA	.0	.0	0.	.0	.0	.0	0.	.0	.0	0.	0.	0.	0.	.1	0.
31 S DAKOTA	0.	.0	.0	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.1
32 TENNESSEE	.0	.0	0.	.0	.0	0.	0.	.0	0.	.0	0.	.0	0.	0.	0.
33 TEXAS	.0	.0	0.	.0	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
34 VIRGINIA	.0	.0	0.	0.	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	.0
35 W VIRGINIA	.0	0.	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	0.
36 WISCONSIN	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	.0
37 MANITOBA	0.	.0	0.	0.	.0	.0	0.	.0	0.	0.	.0	0.	.2	.0	.0
38 N BRUNS	0.	0.	0.	0.	.0	0.	0.	.0	0.	.0	.0	0.	.0	.0	0.
39 ONTARIO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.
40 QUEBEC	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	0.	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.1	.3	.0	.0	.2	.3	.0	.7	.4	.0	.8	.1	.8	.5	.2

TABLE D-18. ENAMAP-2N NO WET DEPOSITION FOR AUGUST 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO WET DEPOSITIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	0.
2 ARKANSAS	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	.0	.0	.0	.0	.0	0.	.0	.0	0.	0.
5 FLORIDA	0.	.0	.0	.0	.0	0.	0.	0.	.0	0.	0.
6 GEORGIA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	0.
7 ILLINOIS	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	0.
8 INDIANA	0.	.0	0.	.0	.0	.0	0.	.0	.0	.0	.0
9 IOWA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	0.
10 KANSAS	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
11 KENTUCKY	0.	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0
12 LOUISIANA	.0	.0	.1	0.	.0	.0	0.	.0	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	0.
14 MICHIGAN	0.	.0	.0	.0	.0	.0	0.	.0	0.	.0	0.
15 MINNESOTA	.0	.0	.0	.0	.0	.0	0.	.0	.2	.0	.0
16 MISS.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17 MISSOURI	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	0.
18 MONTANA	0.	0.	0.	0.	0.	.0	0.	.0	.0	.0	.0
19 NEBRASKA	.0	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	0.	.0	.0	.0	.0	.0	.0
21 NEW JERSEY	0.	0.	0.	0.	0.	0.	0.	.0	0.	.0	0.
22 NEW MEXICO	0.	0.	0.	.0	0.	0.	0.	.0	0.	0.	0.
23 NEW YORK	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24 N CAROLINA	.0	.0	.0	.0	.0	0.	0.	.0	.0	.0	0.
25 N DAKOTA	.0	.0	.0	.1	.0	0.	0.	.0	.0	.0	0.
26 OHIO	0.	.0	0.	0.	.0	.0	.0	.0	.0	.0	.0
27 OKLAHOMA	.0	0.	.0	0.	.1	.0	0.	.0	.0	.0	0.
28 PENN.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
29 RI/MA/CT	0.	0.	0.	.0	.0	0.	0.	.0	.0	.0	0.
30 S CAROLINA	0.	.0	.0	.0	0.	0.	0.	.0	0.	0.	0.
31 S DAKOTA	.0	.0	0.	.0	.0	.0	0.	.0	.0	.0	0.
32 TENNESSEE	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 TEXAS	.0	.0	.4	0.	.0	.0	0.	.0	.0	.0	0.
34 VIRGINIA	0.	.0	.0	.2	.0	0.	0.	.0	.0	.0	.0
35 W VIRGINIA	0.	.0	.0	.0	.2	0.	0.	.0	.0	.0	0.
36 WISCONSIN	0.	.0	0.	.0	.0	.1	0.	.0	.0	.0	0.
37 MANITOBA	.0	0.	0.	0.	0.	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	0.	.0	0.	.0	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.0	.1	.0	.0
41 NEWFOLND	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.0
TOTAL (KTON)	.0	.3	.5	.4	.4	.3	.0	.1	.4	.1	.0

TABLE D-19. ENAMAP-2N NO_2 CONCENTRATION FOR AUGUST 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO_2 CONCENTRATIONS WITHIN RECEPTOR REGIONS 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	5.4	.2	.0	.0	.6	.2	.0	.1	.0	.0	.2	.4	.0	.0	0.
2 ARKANSAS	.0	2.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
5 FLORIDA	.0	.0	.0	.0	1.9	.1	.0	.0	.0	.0	.0	.0	0.	0.	0.
6 GEORGIA	1.8	.0	.0	.0	.8	5.7	.0	.0	.0	.0	.0	.0	0.	0.	0.
7 ILLINOIS	.0	.2	.0	.0	.0	.0	8.1	2.2	.4	.0	.3	.0	.0	.0	0.
8 INDIANA	.0	.0	0.	.1	.0	.0	1.1	13.3	.0	.0	1.9	.0	.1	.3	.0
9 IOWA	.0	.0	.0	.0	0.	.0	.2	.0	2.2	.0	.0	.0	.0	1.6	0.
10 KANSAS	.0	.1	.0	0.	0.	.0	.3	.0	.3	1.5	.0	.0	.0	.0	.0
11 KENTUCKY	.1	.0	0.	.2	.0	.0	.0	1.1	.0	.0	7.0	.0	.0	.0	0.
12 LOUISIANA	.1	.5	.0	.0	.1	.0	.0	.0	.0	.0	.0	7.3	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2	0.	0.
14 MICHICAN	.0	.0	0.	.1	0.	.0	.1	.5	.0	0.	.0	.0	.2	9.6	.0
15 MINNESOTA	.0	.0	.0	.0	0.	0.	.0	.0	.2	.0	.0	.0	.0	.2	1.9
16 MISS.	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	0.
17 MISSOURI	.0	.2	.0	.0	.0	.0	1.2	.3	.7	.9	.1	.0	.0	.1	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	0.	0.	0.	.0	.0	.1	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.
21 NEW JERSEY	.0	0.	0.	.5	.0	.0	0.	0.	0.	0.	0.	.0	.0	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	.0	0.	0.	.1	.0	.0	0.	0.	0.	0.	0.	0.	.9	0.	0.
24 N CAROLINA	.1	.0	.0	.2	.0	.3	.0	.0	.0	.0	.1	.0	.0	.0	0.
25 N DAKOTA	0.	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0
26 OHIO	.0	.0	0.	.5	.0	.0	.0	.4	0.	0.	.8	.0	.2	.0	0.
27 OKLAHOMA	.0	.3	.0	.0	0.	.0	.1	.0	.1	.5	.0	.0	.0	.0	.0
28 PENN.	.0	.0	0.	6.3	0.	.0	.0	.0	0.	0.	.0	.0	.2	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
30 S CAROLINA	.2	.1	.0	.0	.0	1.1	6.0	1.4	.3	.0	.3	.0	.0	.7	.0
31 S DAKOTA	0.	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0
32 TENNESSEE	.3	.5	.0	.1	.0	.1	.1	.1	.0	.0	1.3	.1	.0	.0	.0
33 TEXAS	.0	.1	.2	.0	.0	.0	.0	.0	.1	.3	.0	.6	.0	.0	.0
34 VIRGINIA	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	0.
35 W VIRGINIA	.0	.0	0.	1.6	.0	.0	.0	.0	0.	0.	.2	.0	.1	.0	0.
36 WISCONSIN	.0	.0	0.	.0	0.	.0	.3	.2	.1	0.	.0	.0	.0	.7	.1
37 MANITOBA	0.	0.	0.	0.	0.	0.	.0	.0	.0	0.	0.	0.	.0	.0	.1
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	0.	0.	.0	0.	.2	.2	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	0.	0.
41 NFWFCLND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	P.1	4.5	.2	17.9	3.6	7.7	17.7	19.7	4.6	3.3	12.4	9.4	4.2	13.6	2.6

TABLE D-19. ENAMAP-2N NO_2 CONCENTRATION FOR AUGUST 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO_2 CONCENTRATIONS WITHIN RECEPTOR REGIONS														
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	2.9	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
2 ARKANSAS	.1	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.1	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	0.	.0	.0	1.0	.0	.0	.1	0.	.0	.0	.4	.1	.0
5 FLORIDA	.0	.0	0.	.0	0.	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
6 GEORGIA	.2	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
7 ILLINOIS	.0	1.1	0.	.0	.0	.0	0.	.1	.0	0.	.5	.0	.1	.0	.0
8 INDIANA	.1	.0	0.	0.	.1	.1	0.	.3	.0	0.	3.1	.0	.4	.1	.0
9 IOWA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
10 KANSAS	.0	2.6	0.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 KENTUCKY	.1	.0	0.	0.	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0
12 LOUISIANA	.7	.1	0.	.0	.0	.0	.0	.1	.1	0.	3.1	.0	.5	.1	.0
13 MAINE	0.	0.	0.	0.	.4	0.	0.	0.	0.	0.	.0	.1	.0	.0	.0
14 MICHIGAN	.0	.0	0.	0.	.3	.1	0.	.6	.0	0.	2.6	.0	.4	.1	.0
15 MINNESOTA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	0.
16 MISS.	1.9	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
17 MISSOURI	.0	4.5	0.	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	2.2	.0	0.	.1	0.	0.	0.	0.	0.	0.	0.
21 NEW JERSEY	.0	0.	0.	0.	.1	23.3	0.	.5	.0	0.	0.	0.	4.3	0.	
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	1.4	.0
23 NEW YORK	.0	0.	0.	0.	2.7	21.3	0.	12.2	.0	0.	0.	0.	0.	0.	0.
24 N CAROLINA	.0	.0	0.	.0	.0	.0	.0	.0	7.7	0.	.0	.0	1.3	15.2	.0
25 N DAKOTA	0.	.0	.0	.0	.0	.0	.0	.0	0.	.2	.0	.0	.0	.0	2.0
26 OHIO	.0	.0	0.	0.	.3	.5	.0	1.1	.0	0.	12.8	0.	2.9	.4	.0
27 OKLAHOMA	.0	.6	0.	.0	.0	.0	.0	.0	.0	.0	.0	2.4	.0	.0	0.
28 PENN.	.0	.0	0.	0.	.6	5.0	0.	1.6	.0	0.	.3	0.	13.7	1.8	.0
29 RI/MA/CT	0.	0.	0.	0.	.2	.3	0.	.7	.0	0.	0.	0.	.0	8.4	.0
30 S CAROLINA	.1	.1	0.	.0	.0	.0	.0	.1	.7	0.	.2	.0	.0	.0	5.7
31 S DAKOTA	0.	.0	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	0.	0.
32 TENNESSEE	.8	.1	0.	.0	.0	.0	.0	.0	.5	0.	.1	.0	.0	.0	.0
33 TEXAS	.0	.1	0.	.1	.0	.0	1.1	.0	.0	.0	.0	1.1	.0	.0	0.
34 VIRGINIA	.0	.0	0.	.0	.0	.3	.0	.0	1.6	0.	.0	.0	.1	.1	.1
35 W VIRGINIA	.0	.0	0.	0.	.2	.9	.0	.5	.1	0.	1.3	.0	2.8	.3	.0
36 WISCONSIN	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.1	0.	.0	.0	.0
37 MANITOBA	0.	.0	.0	0.	.0	.0	0.	.0	0.	.1	.0	0.	.0	.0	0.
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39 ONTARIO	0.	0.	0.	0.	.2	.0	0.	.6	.0	.0	.1	0.	.1	.1	.0
40 QUEBEC	0.	0.	0.	0.	.6	0.	0.	.3	0.	0.	0.	0.	.0	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	7.0	9.7	.0	.3	8.2	53.1	1.1	19.0	10.9	.4	24.4	4.2	23.3	32.5	8.3

TABLE D-19. ENAMAP-2N NO_2 CONCENTRATION FOR AUGUST 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO_2 CONCENTRATIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	.0	.8	.0	.0	.0	.0	0.	.0	.0	.0	0.
2 ARKANSAS	.0	.1	.0	.0	.0	.0	0.	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	.0	.0	.8	.1	.0	0.	.0	.0	0.	0.
5 FLORIDA	0.	.0	.0	.0	.0	0.	0.	0.	.0	0.	0.
6 GEORGIA	.0	.5	.0	.0	.0	.0	0.	.0	.0	.0	0.
7 ILLINOIS	.0	.2	.0	.0	.0	.1	0.	.0	.1	.0	.0
8 INDIANA	0.	.3	.0	.0	.2	.2	0.	.0	.2	.0	.0
9 IOWA	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0
10 KANSAS	.0	.0	.0	.0	.0	.1	0.	.0	.0	.0	.0
11 KENTUCKY	0.	1.5	.0	.4	1.0	.0	0.	.0	.0	.0	0.
12 LOUISIANA	.0	.0	.6	0.	.0	.0	0.	.0	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.2	0.	.0	.0
14 MICHIGAN	0.	.0	.0	.0	.1	.3	0.	.1	.8	.1	.0
15 MINNESOTA	.0	.0	.0	.0	.0	1.6	.0	.0	.1	.0	.0
16 MISS.	.0	.1	.0	.0	.3	.0	0.	.0	.0	.0	0.
17 MISSOURI	.0	.1	.0	.0	.0	.1	0.	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.1	0.	.0	.0
21 NEW JERSEY	0.	0.	.0	.1	.0	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	.0	.0	.0	0.	0.	.4	.2	.0	.0
24 N CARCLINA	.0	.4	.0	1.2	.0	0.	0.	.0	.0	.0	0.
25 N DAKOTA	.1	.0	0.	0.	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	.1	.0	.2	2.7	.0	0.	.1	.1	.0	.0
27 OKLAHOMA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
28 PENN.	0.	.0	.0	.5	1.5	0.	0.	.1	.0	.0	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	.1	0.	0.	0.
30 S CARCLINA	.0	.3	.0	.1	.0	.9	0.	.0	.1	.0	.0
31 S DAKOTA	.1	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	5.6	.0	.4	.2	.0	0.	.0	.0	.0	.0
33 TEXAS	.0	.0	3.8	.0	.0	.0	0.	.0	.0	.0	.0
34 VIRGINIA	0.	.1	.0	6.3	.6	0.	0.	.0	.0	.0	0.
35 W VIRGINIA	0.	.0	.0	1.0	6.6	0.	0.	.0	.0	.0	0.
36 WISCONSIN	0.	.0	.0	.0	.0	3.6	0.	.0	.1	.0	.0
37 MANITOBA	.0	0.	0.	0.	.0	.0	.2	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.5	0.	.0	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	.1	.8	.1	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.2	.0	.5	.0
41 NEWFCLND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	.3	9.9	4.6	11.1	13.3	7.2	.3	1.9	2.6	.9	.0

TABLE D-20. ENAMAP-2N NO_2 DRY DEPOSITION FOR AUGUST 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO_2 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	1.8	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1	.2	.0	.0	0.
2 ARKANSAS	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
5 FLORIDA	.0	.0	.0	.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	0.	0.
6 GEORGIA	.7	.0	.0	.0	.2	2.4	.0	.0	.0	.0	.0	.0	0.	0.	0.
7 ILLINOIS	.0	.1	.0	.0	.0	.0	3.2	.7	.2	.0	.1	.0	.0	.2	.0
8 INDIANA	.0	.0	0.	.0	.0	.0	.5	3.5	.0	.0	.6	.0	.0	.8	0.
9 IOWA	.0	.0	.0	.0	0.	.0	.1	.0	1.2	.0	.0	.0	.0	.0	.2
10 KANSAS	.0	.0	.0	0.	0.	.0	.1	.0	.2	1.0	.0	.0	.0	.0	.0
11 KENTUCKY	.0	.0	0.	.0	.0	.0	.0	.3	.0	.0	2.2	.0	.0	.0	0.
12 LOUISIANA	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.
14 MICHIGAN	.0	.0	0.	.0	0.	.0	.0	.2	.0	0.	.0	.0	.1	3.9	.0
15 MINNESOTA	.0	.0	.0	.0	0.	0.	.0	.0	.1	.0	.0	.0	.0	.1	1.2
16 MISS.	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
17 MISSOURI	.0	.1	.0	.0	.0	.0	.6	.1	.4	.6	.0	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	0.	0.	0.	.0	.0	.1	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
21 NEW JERSEY	.0	0.	0.	.1	.0	.0	0.	0.	0.	0.	0.	.0	.0	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	0.
23 NEW YORK	.0	0.	0.	.0	.0	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
24 N CARCLINA	.0	.0	.0	.0	.0	.0	0.	0.	0.	0.	0.	.0	.3	0.	0.
25 N DAKOTA	0.	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	.0	.0	.0	0.
26 OHIO	.0	.0	0.	.1	.3	.0	.0	.1	0.	0.	.3	.0	.1	.0	0.
27 OKLAHOMA	.0	.1	.0	.0	0.	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0
28 PENN.	.0	.0	0.	.7	0.	.0	.0	.0	0.	0.	.0	.0	.1	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
30 S CARCLINA	.1	.0	.0	.0	.0	.5	2.2	.4	.2	.0	.1	.0	.0	.4	.0
31 S DAKOTA	0.	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0
32 TENNESSEE	.1	.2	.0	.0	.0	.1	.0	.0	.0	.0	.4	.0	.0	.0	.0
33 TEXAS	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.0	.0	.0
34 VIRGINIA	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
35 W VIRGINIA	.0	.0	0.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
36 WISCONSIN	.0	.0	0.	.0	0.	.0	.1	.1	.1	0.	.0	.0	.0	.4	.1
37 MANITOBA	0.	0.	0.	0.	0.	0.	.0	.0	.0	0.	0.	0.	.0	.0	.1
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	0.	0.	0.	0.	.1	.1	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	2.8	1.8	.1	2.1	.8	3.4	7.0	5.4	2.6	2.2	4.0	3.7	1.3	6.0	1.6

TABLE D-20. ENAMAP-2N NO_2 DRY DEPOSITION FOR AUGUST 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO_2 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	1.3	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
2 ARKANSAS	.0	.2	0.	.0	.0	.0	.0	.0	.0	0.	.0	.1	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	0.	.0	.0	.1	.0	.0	.0	0.	.0	.0	.1	.0	.0
5 FLORIDA	.0	.0	0.	.0	0.	.0	.0	.0	.0	0.	.0	.0	.0	.0	.1
6 GEORGIA	.1	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
7 ILLINOIS	.0	.5	0.	.0	.0	.0	0.	.0	.0	0.	.2	.0	.0	.0	.0
8 INDIANA	.0	.0	0.	0.	.0	.0	0.	.1	.0	0.	1.1	.0	.1	.0	.0
9 IOWA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
10 KANSAS	.0	1.4	0.	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
11 KENTUCKY	.1	.0	0.	0.	.0	.0	0.	.1	.0	0.	1.1	.0	.1	.0	.0
12 LOUISIANA	.3	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.1	.0	.0	.0
13 MAINE	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	.0	.0	0.	0.	.0	.0	0.	.3	.0	0.	.9	.0	.1	.0	.0
15 MINNESOTA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
16 MISS.	.7	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
17 MISSOURI	.0	2.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.1	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	0.
20 NH/VT	0.	0.	0.	0.	.3	.0	0.	.0	0.	0.	0.	0.	0.	.4	0.
21 NEW JERSEY	.0	0.	0.	0.	.0	1.5	0.	.2	.0	0.	0.	0.	.2	.2	.0
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	.0	0.	0.	0.	.5	1.4	0.	4.2	.0	0.	.0	0.	.4	1.8	.0
24 N CARCLINA	.0	.0	0.	.0	.0	.0	.0	.0	2.8	0.	.0	.0	.0	.0	.5
25 N DAKOTA	0.	.0	.0	.0	.0	.0	0.	.0	0.	.1	.0	.0	.0	.0	0.
26 OHIO	.0	.0	0.	0.	.1	.0	.0	.5	.0	0.	3.9	0.	1.0	.1	.0
27 OKLAHOMA	.0	.3	0.	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.0	.0	0.
28 PENN.	.0	.0	0.	0.	.1	.4	0.	.7	.0	0.	.1	0.	3.7	.2	.0
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.2	.0	0.	0.	0.	.0	.8	.0
30 S CARCLINA	.0	.1	0.	.0	.0	.0	.0	.0	.3	0.	.1	.0	.0	.0	1.3
31 S DAKOTA	0.	.0	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	0.	0.
32 TENNESSEE	.3	.1	0.	.0	.0	.0	.0	.0	.2	0.	.0	.0	.0	.0	.0
33 TEXAS	.0	.0	0.	.0	.0	.0	.2	.0	.0	.0	.0	.7	.0	.0	0.
34 VIRGINIA	.0	.0	0.	.0	.0	.0	.0	.0	.6	0.	.0	.0	.0	.0	.0
35 W VIRGINIA	.0	.0	0.	0.	.0	.1	.0	.2	.0	0.	.4	.0	.9	.0	.0
36 WISCONSIN	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	.0
37 MANITOBA	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	0.	.0	.0	0.
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39 ONTARIO	0.	0.	0.	0.	.0	.0	0.	.3	.0	.0	.0	0.	.0	.0	.0
40 QUEBEC	0.	0.	0.	0.	.1	0.	0.	.1	0.	0.	0.	0.	.0	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	2.8	4.7	.0	.2	1.3	3.6	.2	6.9	4.2	.2	7.9	2.3	6.7	3.7	1.9

TABLE D-20. ENAMAP-2N NO_2 DRY DEPOSITION FOR AUGUST 1977 (concluded)

EMITTER REGION	TOTAL	CONTRIBUTIONS TO NO_2 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS									
	31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	.0	.3	.1	.0	.0	.0	0.	.0	.0	.0	0.
2 ARKANSAS	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	.0	.0	.2	.0	.0	0.	.0	.0	0.	0.
5 FLORIDA	0.	.0	.0	.0	.0	0.	0.	0.	.0	0.	0.
6 GEORGIA	.0	.2	.0	.0	.0	.0	0.	.0	.0	.0	0.
7 ILLINOIS	.0	.1	.0	.0	.0	.1	0.	.0	.2	.1	.0
8 INDIANA	0.	.1	.0	.0	.1	.1	0.	.0	.7	.1	.0
9 IOWA	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
10 KANSAS	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
11 KENTUCKY	0.	.5	.0	.1	.3	.0	0.	.0	.1	.0	0.
12 LOUISIANA	.0	.0	1.1	0.	.0	.0	0.	.0	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.1	0.	.0	.0
14 MICHIGAN	0.	.0	.0	.0	.0	.1	0.	.0	3.0	.4	.0
15 MINNESOTA	.0	.0	.0	.0	.0	.8	.0	.0	.2	.0	.0
16 MISS.	.0	.0	.1	.0	.0	.0	0.	.0	.0	.0	0.
17 MISSOURI	.0	.0	.0	.0	.0	.1	0.	.0	.1	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	0.	0.	0.	0.	0.	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	0.	.0	.0	.0	.0	.0	.0
21 NEW JERSEY	0.	0.	.0	.0	.0	0.	0.	.1	0.	.0	.0
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	.0	.0	.0	0.	0.	.2	.6	.1	.0
24 N CARCLINA	.0	.1	.0	.4	.0	0.	0.	.0	.0	.0	0.
25 N DAKOTA	.1	.0	0.	0.	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	.0	.0	.1	.7	.0	0.	.0	.5	.1	.0
27 OKLAHOMA	.0	.0	.1	.0	.0	.0	0.	.0	.0	.0	.0
28 PENN.	0.	.0	.0	.2	.3	0.	0.	.0	.1	.0	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	.1	0.	0.	0.
30 S CARCLINA	.0	.1	.0	.0	.0	.4	0.	.0	.3	.1	.0
31 S DAKOTA	.1	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	1.7	.0	.1	.1	.0	0.	.0	.0	.0	.0
33 TEXAS	.0	.0	6.5	.0	.0	.0	0.	.0	.0	.0	.0
34 VIRGINIA	0.	.0	.0	1.8	.1	0.	0.	.0	.0	.0	.0
35 W VIRGINIA	0.	.3	.0	.3	1.5	0.	0.	.0	.0	.0	0.
36 WISCONSIN	0.	.0	.0	.0	.0	1.6	0.	.0	.3	.0	.0
37 MANITOBA	.0	0.	0.	0.	.0	.0	.3	.0	.1	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.2	0.	.0	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	.0	2.6	.4	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.1	.1	1.3	.0
41 NEWFOLND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.2	3.2	7.9	3.3	3.1	3.4	.3	.8	9.0	2.7	.0

TABLE D-21. ENAMAP-2N NO_2 WET DEPOSITION FOR AUGUST 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO_2 WET DEPOSITIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	.9	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	0.
2 ARKANSAS	.0	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	0.	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
5 FLORIDA	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	0.	0.
6 GEORGIA	.3	.0	.0	.0	.1	1.6	.0	.0	.0	.0	.0	.0	0.	0.	0.
7 ILLINOIS	.0	.0	0.	.0	.0	.0	2.9	.5	.2	.0	.0	.0	.0	.0	0.
8 INDIANA	.0	.0	0.	.0	.0	.0	.4	2.6	.0	0.	.3	.0	.0	.5	0.
9 IOWA	.0	.0	.0	.0	0.	0.	.0	.0	.5	.0	.0	0.	.0	.0	.1
10 KANSAS	0.	.0	.0	0.	0.	.0	.2	.0	.3	.7	.0	0.	.0	.0	.0
11 KENTUCKY	.0	.0	0.	.0	.0	.0	.0	.4	.0	0.	1.9	.0	.0	.0	0.
12 LOUISIANA	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	0.	0.
14 MICHIGAN	.0	.0	0.	.0	0.	0.	.0	.0	.0	0.	.0	.0	.0	1.3	.0
15 MINNESOTA	.0	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.4
16 MISS.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	0.
17 MISSOURI	.0	.0	.0	.0	.0	.0	.7	.1	.4	.4	.0	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	0.	0.	0.	0.	0.	.1	.0	0.	0.	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	0.	0.	.0	.0	0.	0.	0.	0.	.0	.0	.0
21 NEW JERSEY	.0	0.	0.	.0	0.	.0	0.	0.	0.	0.	0.	0.	.3	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
23 NEW YORK	.0	0.	0.	.0	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24 N CAROLINA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	0.	0.
25 N DAKOTA	0.	0.	.0	.0	0.	0.	.0	.0	.0	.0	.0	.0	.0	.0	0.
26 OHIO	.0	.0	0.	.1	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0
27 OKLAHOMA	0.	.1	.0	0.	0.	0.	.0	.0	0.	0.	.1	.0	.0	.0	0.
28 PENN.	0.	0.	0.	.6	0.	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	.0	.0	.1	0.	0.
30 S CAROLINA	.0	.0	.0	.0	.0	.2	1.8	.3	.2	.0	.1	.0	.1	0.	0.
31 S DAKOTA	0.	0.	.0	0.	0.	0.	.0	.0	.0	.0	.0	0.	.0	.1	.0
32 TENNESSEE	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0
33 TEXAS	.0	.1	.0	0.	.0	.0	.0	.1	.0	.0	.5	.0	.0	.0	0.
34 VIRGINIA	.0	.0	.0	.3	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0
35 W VIRGINIA	.0	.0	0.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
36 WISCONSIN	.0	.0	0.	.0	0.	.0	.1	.0	.0	0.	.0	0.	.0	.0	0.
37 MANITOBA	0.	0.	0.	0.	0.	0.	.0	.0	.0	0.	0.	0.	.0	.1	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0
39 ONTARIO	0.	0.	0.	.0	0.	0.	0.	.0	0.	0.	0.	0.	.0	0.	0.
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	.0	.0	.0
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
TOTAL (KTON)	1.2	.7	.0	2.1	.2	2.0	6.4	4.1	1.9	1.6	3.2	1.6	1.3	2.2	.6

TABLE D-21. ENAMAP-2N NO_2 WET DEPOSITION FOR AUGUST 1977 (continued)

EMITTER REGION	TOTAL	CONTRIBUTIONS TO NO_2 WET DEPOSITIONS WITHIN RECEPTOR REGIONS														
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	.3	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
2 ARKANSAS	.0	.1	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	0.	0.	.0	.1	0.	.0	.0	0.	.0	0.	.2	.0	.0
5 FLORIDA	.0	.0	0.	.0	0.	.0	.0	.0	.0	0.	.0	.0	.0	0.	.0
6 GEORGIA	.0	.0	0.	.0	.0	.0	.0	.0	.1	0.	.0	.0	.0	.0	.2
7 ILLINOIS	.0	.2	0.	.0	.0	.0	0.	.0	.0	0.	.1	.0	.0	.0	.0
8 INDIANA	.0	.0	0.	0.	.0	.0	0.	.1	.0	0.	.9	0.	.1	.0	.0
9 IOWA	.0	.0	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	0.
10 KANSAS	0.	1.6	0.	.0	.0	0.	.0	.0	.0	.0	.0	.1	.0	.0	.0
11 KENTUCKY	.0	.0	0.	0.	.0	.0	0.	.1	.0	0.	1.3	0.	.2	.0	.0
12 LOUISIANA	.1	.1	0.	.0	.0	.0	.0	.0	0.	0.	.0	.1	.0	.0	0.
13 MAINE	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	.0	.0	0.	0.	.0	.0	0.	.1	.0	0.	.3	.0	.1	.0	0.
15 MINNESOTA	.0	.0	0.	.0	.0	.0	0.	.0	0.	.0	.0	.0	.0	.0	0.
16 MISS.	.1	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
17 MISSOURI	.0	1.4	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.3	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	.4	.0	0.	.0	0.	0.	0.	0.	0.	.2	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	1.5	0.	.2	.0	0.	0.	0.	.2	.2	.0
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	.0	0.	0.	0.	.4	.9	0.	3.4	.0	0.	0.	0.	.2	2.1	0.
24 N CAROLINA	.0	.0	0.	.0	.0	.0	.0	.0	1.6	0.	.0	.0	.0	.0	.1
25 N DAKOTA	0.	.0	.0	.0	.0	0.	0.	.0	0.	.0	.0	0.	.0	0.	0.
26 OHIO	.0	0.	0.	0.	.0	.0	0.	.4	.0	0.	2.1	0.	.8	.1	.0
27 OKLAHOMA	0.	.3	0.	.0	.0	0.	.0	.0	0.	.0	.0	.7	.0	.0	0.
28 PENN.	0.	0.	0.	0.	.1	.4	0.	.7	.0	0.	.0	0.	3.3	.3	.0
29 RI/MA/CT	0.	0.	0.	0.	.1	.0	0.	.2	.0	0.	0.	0.	.8	0.	
30 S CAROLINA	.0	.0	0.	.0	.0	.0	.0	.0	.3	0.	.1	.0	.0	.0	.7
31 S DAKOTA	0.	.0	.0	.0	.0	0.	0.	.0	0.	.0	.0	0.	.0	0.	0.
32 TENNESSEE	.1	.0	0.	.0	.0	.0	0.	.0	0.	.0	.1	.0	.0	.0	.0
33 TEXAS	.0	.1	0.	.0	.0	.0	.0	.0	0.	.0	.0	.3	.0	.0	0.
34 VIRGINIA	.0	.0	0.	0.	.0	.0	.0	.0	.2	0.	.0	.0	.1	.0	.0
35 W VIRGINIA	.0	0.	0.	0.	.0	.1	0.	.2	.0	0.	.3	.0	1.1	.1	.0
36 WISCONSIN	.0	.0	0.	0.	.0	.0	0.	.0	0.	0.	.0	0.	.0	.0	0.
37 MANITOBA	0.	.0	0.	0.	.0	0.	0.	.0	0.	.0	.0	0.	.0	.0	0.
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39 ONTARIO	0.	0.	0.	0.	.0	.0	0.	.1	.0	.0	.0	0.	.0	.0	0.
40 QUEBEC	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.7	3.8	.0	.1	1.2	3.0	.1	5.5	2.4	.0	5.2	1.2	6.2	3.7	1.0

TABLE D-21. ENAMAP-2N NO_2 WET DEPOSITION FOR AUGUST 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO_2 WET DEPOSITIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	.0	.2	.3	.0	.3	.0	0.	.0	.0	.0	0.
2 ARKANSAS	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	.0	.0	.1	.0	.0	0.	.0	.0	0.	0.
5 FLORIDA	0.	.0	.0	.0	.0	0.	0.	0.	.0	0.	0.
6 GEORGIA	.0	.2	.0	.0	.0	.0	0.	.0	.0	.0	0.
7 ILLINOIS	.0	.0	.0	.0	.0	.1	0.	.0	.1	.0	.0
8 INDIANA	0.	.0	0.	.0	.0	.1	0.	.0	.2	.0	0.
9 IOWA	.0	.0	.0	.0	.0	.2	0.	.0	.0	.0	.0
10 KANSAS	.0	.0	.0	0.	.0	.1	0.	.0	.0	.0	.0
11 KENTUCKY	0.	.2	.0	.1	.3	.0	0.	.0	.1	.0	0.
12 LOUISIANA	.0	.0	.4	0.	.0	.0	0.	.0	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.0	0.	.0	0.
14 MICHIGAN	0.	.0	.0	.0	.0	.1	0.	.0	1.0	.1	.0
15 MINNESOTA	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
16 MISS.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	0.
17 MISSOURI	.0	.0	.0	.0	.0	.1	0.	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	0.	.0	0.	0.	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.0	0.	.0	0.
21 NEW JERSEY	0.	0.	0.	.0	0.	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	.1	.1	.0	0.
24 N CAROLINA	.0	.1	.0	.4	.0	0.	0.	.0	.0	.0	0.
25 N DAKOTA	.0	.0	0.	0.	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	.0	0.	.0	.5	.0	0.	.0	.4	.0	0.
27 OKLAHOMA	.0	0.	.0	0.	0.	.0	0.	.0	.0	.0	.0
28 PENN.	0.	.0	.0	.1	.2	0.	0.	.0	.1	.0	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	.0	0.	0.	0.
30 S CAROLINA	0.	.0	.0	.0	.0	.5	0.	.0	.1	.0	0.
31 S DAKOTA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	1.2	.0	.2	.1	.0	0.	.0	.0	.0	0.
33 TEXAS	.0	.0	2.5	0.	.0	.0	0.	.0	.0	.0	.0
34 VIRGINIA	0.	.0	.0	1.5	.2	0.	0.	.0	.0	.0	0.
35 W VIRGINIA	0.	.0	.0	.3	1.6	0.	0.	.0	.0	.0	0.
36 WISCONSIN	0.	.0	0.	.0	.0	.9	0.	.0	.1	.0	.0
37 MANITOBA	.0	0.	0.	0.	0.	.0	.0	.0	.0	.0	.0
38 N ARUAS	0.	0.	0.	0.	0.	0.	0.	.1	0.	.0	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	0.	.0	.6	.1	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.0	.0	.1	.0
41 NEWFOLND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.1	2.0	3.1	2.7	3.0	2.4	.0	.3	2.9	.4	.0

TABLE D-22. ENAMAP-2N PAN CONCENTRATION FOR AUGUST 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO PAN CONCENTRATIONS WITHIN RECEPTOR REGIONS 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	3.7	.5	.0	.0	.6	.4	.1	.2	.0	.0	.5	1.0	.0	.0	0.
2 ARKANSAS	.0	1.2	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
5 FLORIDA	.1	.0	.0	.0	.7	.2	.0	.0	.0	.0	.0	.1	0.	0.	0.
6 GEORGIA	2.9	.1	.0	.0	.8	3.2	.0	.1	.0	.0	.0	.4	.3	.0	.0	0.
7 ILLINOIS	.1	.6	.0	.0	.0	.0	4.7	3.7	.2	.0	.7	.1	.1	.8	.0
8 INDIANA	.1	.1	0.	.3	.0	.0	1.1	5.7	.0	.0	2.1	.0	.3	2.2	0.
9 IOWA	.0	.0	.0	.0	0.	.0	.4	.1	1.3	.1	.0	.0	.0	.2	.2
10 KANSAS	.0	.2	.1	0.	0.	.0	.7	.1	.5	1.4	.0	.0	.0	.1	.0
11 KENTUCKY	.4	.0	0.	.7	.0	.1	.1	1.1	.0	.0	4.7	.1	.1	.1	0.
12 LOUISIANA	.2	.8	.0	.0	.4	.1	.1	.0	.0	.0	.0	5.3	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.
14 MICHIGAN	.0	.0	0.	.3	0.	.0	.1	.7	.0	0.	.1	.0	.7	3.6	.0
15 MINNESOTA	.0	.0	.0	.0	0.	0.	.2	.1	.4	.0	.0	.0	.0	.5	1.0
16 MISS.	.2	.4	.0	.0	.1	.0	.0	.0	.0	.0	.0	.8	.0	.0	0.
17 MISSOURI	.0	.5	.0	.0	.3	.0	1.9	.8	.7	.7	.2	.0	.0	.3	.1
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	0.	0.	0.	.0	.0	.1	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6	0.	0.
21 NEW JERSEY	.0	0.	0.	.5	.0	.0	0.	0.	0.	0.	0.	.0	.1	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	.0	0.	0.	.3	.0	.0	0.	0.	0.	0.	0.	.0	2.4	0.	0.
24 N CAROLINA	.3	.0	.0	.5	.1	.7	.0	.0	.0	.0	.3	.0	.0	.0	0.
25 N DAKOTA	0.	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.1
26 OHIO	.1	.0	0.	1.4	.0	.0	.0	.4	0.	0.	1.2	.0	.7	.1	0.
27 OKLAHOMA	.0	.3	.1	.0	0.	.0	.2	.1	.2	.7	.0	.0	.0	.0	.0
28 PENN.	.0	.0	0.	4.3	0.	.0	.0	.0	0.	0.	.0	.0	.7	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
30 S CAROLINA	.4	.2	.0	.1	.2	1.2	2.1	2.0	.1	.0	.6	.1	.1	1.5	.0
31 S DAKOTA	0.	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0
32 TENNESSEE	.7	.7	.0	.3	.0	.2	.2	.3	.0	.0	1.8	.2	.0	.0	.0
33 TEXAS	.0	.3	.5	.0	.0	.0	.1	.0	.2	.8	.0	.8	.0	.0	.0
34 VIRGINIA	.1	.0	.0	2.6	.0	.2	.0	.0	.0	.0	.1	.0	.0	.0	0.
35 W VIRGINIA	.0	.0	0.	2.6	.0	.0	.0	.0	0.	0.	.2	.0	.3	.0	0.
36 WISCONSIN	.0	.0	0.	.0	0.	.0	.3	.4	.1	0.	.1	.0	.0	1.4	.0
37 MANITOBA	0.	0.	0.	0.	0.	0.	.0	.0	.0	0.	0.	0.	.0	.0	.2
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	0.	0.	.0	0.	.5	.1	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	9.1	5.8	.7	16.6	2.9	6.4	12.4	16.0	4.1	3.7	13.1	9.0	8.3	11.1	1.8

TABLE D-22. ENAMAP-2N PAN CONCENTRATION FOR AUGUST 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO PAN CONCENTRATIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	3.5	.1	0.	.0	.0	.0	.0	.0	.1	0.	.1	.0	.0	.0	.0
2 ARKANSAS	.1	.4	0.	.0	.0	.0	.0	.0	.0	0.	.1	.2	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	0.	.0	.0	2.0	.0	.1	.2	0.	.0	.0	.5	.4	.1
5 FLORIDA	.1	.0	0.	.0	0.	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
6 GEORGIA	.7	.0	0.	.0	.0	.0	.0	.0	.3	0.	.1	.0	.0	.0	.7
7 ILLINOIS	.1	1.2	0.	.0	.2	.0	0.	.3	.0	0.	1.4	.0	.2	.1	.0
8 INDIANA	.3	.1	0.	0.	.6	.3	0.	1.2	.0	0.	4.3	.0	1.2	.4	.0
9 IOWA	.0	.2	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
10 KANSAS	.0	2.6	0.	.1	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0
11 KENTUCKY	.5	.0	0.	0.	.2	.6	0.	.4	.2	0.	2.7	.0	1.2	.4	.0
12 LOUISIANA	.8	.2	0.	.0	.0	.0	.1	.0	.0	0.	.0	.4	.0	.0	.0
13 MAINE	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	.0	.0	0.	0.	1.0	.2	0.	1.9	.0	0.	2.0	.0	.9	.3	.0
15 MINNESOTA	.0	.1	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
16 MISS.	.9	.1	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
17 MISSOURI	.1	2.9	0.	.0	.0	.0	.0	.1	.0	.0	.2	.3	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.1	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	0.
20 NH/VT	0.	0.	0.	0.	.7	.0	0.	.0	0.	0.	0.	0.	0.	1.2	0.
21 NEW JERSEY	.0	0.	0.	0.	.2	6.1	0.	.5	.1	0.	0.	0.	.2	2.7	.0
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	.0	0.	0.	0.	4.4	6.7	0.	3.9	.1	0.	.0	0.	.5	15.2	.0
24 N CAROLINA	.1	.0	0.	.0	.0	.1	.0	.0	4.1	0.	.1	.0	.0	.0	2.0
25 N DAKOTA	0.	.0	.0	.0	.0	.0	0.	.0	0.	.1	.0	.0	.0	.0	0.
26 OHIO	.0	.0	0.	0.	1.2	1.3	.0	2.6	.1	0.	5.0	0.	4.5	1.4	.0
27 OKLAHOMA	.0	.7	0.	.1	.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0	0.
28 PENN.	.0	.0	0.	0.	1.7	6.5	0.	2.7	.2	0.	.1	0.	6.1	4.5	.0
29 RI/MA/CT	0.	0.	0.	0.	.1	.1	0.	.1	.0	0.	0.	0.	.0	2.0	.0
30 S CAROLINA	.3	.2	0.	.0	.1	.1	.0	.2	1.1	0.	.7	.0	.1	.0	3.0
31 S DAKOTA	0.	.0	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	0.	0.
32 TENNESSEE	.9	.2	0.	.0	.0	.1	.0	.1	.4	0.	.3	.0	.1	.0	.1
33 TEXAS	.1	.3	0.	.2	.0	.0	2.1	.0	.0	.0	.0	2.0	.0	.0	0.
34 VIRGINIA	.0	.0	0.	.0	.0	.9	.0	.1	1.4	0.	.0	.0	.3	.2	.3
35 W VIRGINIA	.0	.0	0.	0.	.7	2.4	.0	1.2	.3	0.	.5	.0	3.7	1.2	.0
36 WISCONSIN	.0	.0	0.	0.	.0	.0	0.	.1	.0	0.	.3	0.	.1	.0	.0
37 MANITOBA	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	0.	.0	.0	0.
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39 ONTARIO	0.	0.	0.	0.	.7	.1	0.	1.1	.0	.0	.1	0.	.2	.2	.0
40 QUEBEC	0.	0.	0.	0.	.5	0.	0.	.1	0.	0.	0.	0.	.0	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	9.4	9.4	.0	.6	12.5	27.4	2.2	16.8	8.6	.2	18.0	5.3	20.0	30.2	6.3

TABLE D-22. ENAMAP-2N PAN CONCENTRATION FOR AUGUST 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO PAN CONCENTRATIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	.0	1.3	.2	.1	.1	.0	0.	.0	.0	.0	0.
2 ARKANSAS	.0	.1	.1	.0	.0	.0	0.	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	.0	.0	.6	.1	.0	0.	.0	.0	0.	0.
5 FLORIDA	0.	.0	.0	.0	.0	0.	0.	0.	.0	0.	0.
6 GEORGIA	.0	.9	.1	.1	.1	.0	0.	.0	.0	.0	0.
7 ILLINOIS	.0	.5	.0	.0	.1	.2	0.	.0	.2	.1	.0
8 INDIANA	0.	.8	.0	.1	.6	.1	0.	.1	.5	.2	.0
9 IOWA	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0
10 KANSAS	.0	.0	.0	.0	.0	.2	0.	.0	.0	.0	.0
11 KENTUCKY	0.	2.0	.0	.6	2.2	.0	0.	.1	.1	.0	0.
12 LOUISIANA	.0	.0	1.2	0.	.0	.0	0.	.0	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.3	0.	.0	.0
14 MICHIGAN	0.	.0	.0	.1	.3	.1	0.	.3	1.3	.4	.1
15 MINNESOTA	.0	.0	.0	.0	.0	2.0	.0	.0	.2	.0	.0
16 MISS.	.0	.1	.1	.0	.0	.0	0.	.0	.0	.0	0.
17 MISSOURI	.0	.1	.0	.0	.0	.2	0.	.0	.1	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.3	0.	.0	.0
21 NEW JERSEY	0.	0.	.0	.2	.0	0.	0.	.1	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	.0	.1	.0	0.	0.	1.3	.1	.1	.0
24 N CARCLINA	.0	.5	.0	2.1	.2	0.	0.	.0	.0	.0	0.
25 N DAKOTA	.1	.0	0.	0.	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	.2	.0	.6	3.4	.0	0.	.3	.2	.1	.0
27 OKLAHOMA	.0	.0	.1	.0	.0	.1	0.	.0	.0	.0	.0
28 PENN.	0.	.0	.0	1.1	1.0	0.	0.	.3	.0	.0	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	.4	0.	0.	0.
30 S CAROLINA	.0	.5	.0	.3	.2	.6	0.	.0	.3	.1	.0
31 S DAKOTA	.1	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	2.9	.0	.7	.5	.0	0.	.0	.0	.0	.0
33 TEXAS	.0	.0	3.2	.0	.0	.1	0.	.0	.0	.0	.0
34 VIRGINIA	0.	.2	.0	4.0	.9	0.	0.	.0	.0	.0	0.
35 W VIRGINIA	0.	.1	.0	1.5	4.4	0.	0.	.1	.0	.0	0.
36 WISCONSIN	0.	.0	.0	.0	.0	1.5	0.	.0	.3	.1	.0
37 MANITOBA	.0	0.	0.	0.	.0	.0	.1	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.3	0.	.0	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	.3	.5	.4	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.5	.0	.4	.0
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	.4	10.3	5.0	12.3	14.1	5.7	.1	5.0	3.9	1.9	.2

TABLE D-23. ENAMAP-2N PAN DRY DEPOSITION FOR AUGUST 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO PAN DRY DEPOSITIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	2.7	.4	.0	.0	.3	.4	.1	.1	.0	.0	.3	.8	.0	.0	0.
2 ARKANSAS	.0	1.1	.0	.0	.0	.0	.2	.1	.0	.1	.1	.1	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
5 FLORIDA	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0	.1	0.	0.	0.
6 GEORGIA	2.2	.1	.0	.0	.4	3.2	.0	.0	.0	.0	.0	.3	.3	.0	0.
7 ILLINOIS	.0	.5	.0	.0	.0	.0	4.3	2.3	.3	.0	.5	.1	.1	.8	.0
8 INDIANA	.1	.1	0.	.1	.0	.0	1.0	3.6	.0	.0	1.5	.0	.2	2.3	0.
9 IOWA	.0	.0	.0	.0	0.	.0	.4	.1	1.7	.1	.0	.0	.0	.2	.3
10 KANSAS	.0	.2	.0	0.	0.	.0	.6	.1	.7	2.0	.0	.0	.0	.1	.1
11 KENTUCKY	.3	.0	0.	.2	.0	.1	.1	.7	.0	.0	3.2	.1	.1	.1	0.
12 LOUISIANA	.2	.7	.0	.0	.2	.1	.1	.0	.0	.1	.0	4.5	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.
14 MICHIGAN	.0	.0	0.	.1	0.	.0	.1	.4	.0	0.	.1	.0	.5	3.6	.0
15 MINNESOTA	.0	.0	.0	.0	0.	0.	.2	.1	.5	.0	.0	.0	.0	.5	1.5
16 MISS.	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	0.
17 MISSOURI	.0	.4	.0	.0	.0	.0	1.7	.5	.9	1.1	.1	.0	.0	.3	.1
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	0.	0.	0.	.0	.0	.2	.1	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	0.	0.
21 NEW JERSEY	.0	0.	0.	.1	.0	.0	0.	0.	0.	0.	0.	.0	.1	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	.0	0.	0.	.1	.0	.0	0.	0.	0.	0.	0.	.0	1.6	0.	0.
24 N CAROLINA	.2	.0	.0	.1	.0	.7	.0	.0	.0	.0	.2	.0	.0	.0	0.
25 N DAKOTA	0.	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.1
26 OHIO	.0	.0	0.	.4	.0	.0	.0	.2	0.	0.	.8	.0	.4	.1	0.
27 OKLAHOMA	.0	.3	.0	.0	0.	.0	.2	.0	.3	1.0	.0	.0	.0	.0	.0
28 PENN.	.0	.0	0.	1.1	0.	.0	.0	.0	0.	0.	.0	.0	.4	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
30 S CAROLINA	.3	.2	.0	.0	.1	1.2	1.9	1.3	.2	.0	.4	.1	.0	1.5	.0
31 S DAKOTA	0.	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0
32 TENNESSEE	.5	.6	.0	.1	.0	.2	.1	.2	.0	.0	1.2	.2	.0	.0	.0
33 TEXAS	.0	.3	.3	.0	.0	.0	.1	.0	.3	1.2	.0	.7	.0	.0	.0
34 VIRGINIA	.0	.0	.0	.7	.0	.2	.0	.0	.0	.0	.1	.0	.0	.0	0.
35 W VIRGINIA	.0	.0	0.	.7	.0	.0	.0	.0	0.	0.	.2	.0	.2	.0	0.
36 WISCONSIN	.0	.0	0.	.0	0.	.0	.3	.3	.1	0.	.1	.0	.0	1.5	.1
37 MANITOBA	0.	0.	0.	0.	0.	0.	.0	.0	.0	0.	0.	0.	.0	.0	.3
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	0.	0.	.0	0.	.4	.1	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	6.8	5.1	.4	4.3	1.6	6.4	11.4	9.9	5.2	5.6	9.0	7.6	5.4	11.2	2.6

TABLE D-23. ENAMAP-2N PAN DRY DEPOSITION FOR AUGUST 1977 (continued)

EMITTER REGION	TOTAL	CONTRIBUTIONS TO PAN DRY DEPOSITIONS WITHIN RECEPTOR REGIONS														
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	3.1	.1	0.	.0	.0	.0	.0	.0	.1	0.	.1	.1	.0	.0	.0
2 ARKANSAS	.1	.5	0.	.0	.0	.0	.0	.0	.0	0.	.0	.2	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	0.	.0	.0	.3	.0	.1	.2	0.	.0	.0	.3	.1	.0
5 FLORIDA	.1	.0	0.	.0	0.	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
6 GEORGIA	.6	.0	0.	.0	.0	.0	.0	.0	.3	0.	.1	.0	.0	.0	.3
7 ILLINOIS	.1	1.3	0.	.0	.1	.0	0.	.3	.0	0.	1.1	.0	.1	.0	.0
8 INDIANA	.2	.2	0.	0.	.2	.0	0.	1.0	.0	0.	3.2	.0	.8	.1	.0
9 IOWA	.0	.2	0.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
10 KANSAS	.0	2.7	0.	.2	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0
11 KENTUCKY	.4	.0	0.	0.	.1	.1	0.	.3	.2	0.	2.0	.0	.8	.1	.0
12 LOUISIANA	.7	.2	0.	.0	.0	.0	.0	.0	.0	0.	.0	.5	.0	.0	.0
13 MAINE	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	.0	.0	0.	0.	.4	.0	0.	1.7	.0	0.	1.5	.0	.6	.1	.0
15 MINNESOTA	.0	.1	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
16 MISS.	.8	.1	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
17 MISSOURI	.1	3.0	0.	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.1	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	0.
20 NH/VT	0.	0.	0.	0.	.3	.0	0.	.0	0.	0.	0.	0.	0.	.3	0.
21 NEW JERSEY	.0	0.	0.	0.	.1	1.0	0.	.5	.1	0.	0.	0.	.1	.7	.0
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	.0	0.	0.	0.	1.6	1.1	0.	3.3	.1	0.	.0	0.	.3	4.0	.0
24 N CAROLINA	.1	.0	0.	.0	.0	.0	.0	.0	3.7	0.	.0	.0	.0	.0	1.0
25 N DAKOTA	0.	.0	.0	.0	.0	.0	0.	.0	0.	.1	.0	.0	.0	.0	0.
26 OHIO	.0	.0	0.	0.	.4	.2	.0	2.2	.1	0.	3.8	0.	2.9	.4	.0
27 OKLAHOMA	.0	.7	0.	.1	.0	.0	.0	.0	.0	.0	.0	2.0	.0	.0	0.
28 PENN.	.0	.0	0.	0.	.6	1.1	0.	2.3	.1	0.	.1	0.	4.0	1.2	.0
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.1	.0	0.	0.	0.	.0	.5	.0
30 S CAROLINA	.2	.2	0.	.0	.0	.0	.0	.2	1.0	0.	.5	.0	.1	.0	1.6
31 S DAKOTA	0.	.0	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	0.	0.
32 TENNESSEE	.8	.2	0.	.0	.0	.0	.0	.1	.4	0.	.3	.0	.1	.0	.0
33 TEXAS	.1	.3	0.	.3	.0	.0	.6	.0	.0	.0	.0	2.4	.0	.0	0.
34 VIRGINIA	.0	.0	0.	.0	.0	.1	.0	.1	1.2	0.	.0	.0	.2	.0	.2
35 W VIRGINIA	.0	.0	0.	0.	.2	.4	.0	1.0	.2	0.	.3	.0	2.4	.3	.0
36 WISCONSIN	.0	.0	0.	0.	.0	.0	0.	.1	.0	0.	.2	0.	.0	.0	.0
37 MANITOBA	0.	.0	.0	0.	.0	.0	0.	.0	0.	.1	.0	0.	.0	.0	0.
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.
39 ONTARIO	0.	0.	0.	0.	.3	.0	0.	.9	.0	.0	.1	0.	.1	.1	.0
40 QUEBEC	0.	0.	0.	0.	.2	0.	0.	.1	0.	0.	0.	0.	.0	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	7.4	9.8	.0	.9	4.5	4.5	.6	14.3	7.6	.3	13.5	6.5	13.1	7.9	3.3

TABLE D-23. ENAMAP-2N PAN DRY DEPOSITION FOR AUGUST 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO PAN DRY DEPOSITIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	.0	1.0	.6	.1	.0	.0	0.	.0	.1	.0	0.
2 ARKANSAS	.0	.1	.3	.0	.0	.0	0.	.0	.1	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	.0	.0	.4	.0	.0	0.	.0	.0	0.	0.
5 FLORIDA	0.	.0	.0	.0	.0	0.	0.	0.	.0	0.	0.
6 GEORGIA	.0	.7	.2	.1	.0	.0	0.	.0	.0	.0	0.
7 ILLINOIS	.0	.3	.1	.0	.1	.2	0.	.0	1.4	.5	.0
8 INDIANA	0.	.6	.0	.1	.3	.1	0.	.1	3.6	1.2	.1
9 IOWA	.0	.0	.0	.0	.0	.6	.0	.0	.3	.0	.0
10 KANSAS	.0	.0	.1	.0	.0	.2	0.	.0	.2	.0	.0
11 KENTUCKY	0.	1.4	.0	.4	1.1	.0	0.	.1	.5	.2	0.
12 LOUISIANA	.0	.0	4.5	0.	.0	.0	0.	.0	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.3	0.	.0	.0
14 MICHIGAN	0.	.0	.0	.1	.1	.1	0.	.3	9.8	2.7	.1
15 MINNESOTA	.0	.0	.0	.0	.0	2.1	.0	.0	1.3	.1	.0
16 MISS.	.0	.1	.3	.0	.0	.0	0.	.0	.0	.0	0.
17 MISSOURI	.0	.1	.1	.0	.0	.2	0.	.0	.4	.1	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.1	.0	.0	0.	0.	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.3	0.	.0	.0
21 NEW JERSEY	0.	0.	.0	.1	.0	0.	0.	.1	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	.0	.1	.0	0.	0.	1.2	.5	.5	.0
24 N CAROLINA	.0	.4	.0	1.3	.1	0.	0.	.0	.0	.0	0.
25 N DAKOTA	.2	.0	0.	0.	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	.1	.0	.4	1.6	.0	0.	.3	1.7	.6	.0
27 OKLAHOMA	.0	.0	.4	.0	.0	.1	0.	.0	.1	.0	.0
28 PENN.	0.	.0	.0	.7	.5	0.	0.	.3	.3	.1	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	.4	0.	0.	0.
30 S CAROLINA	.0	.3	.1	.2	.1	.6	0.	.0	1.9	.5	.0
31 S DAKOTA	.1	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	2.1	.1	.5	.3	.0	0.	.0	.1	.1	.0
33 TEXAS	.0	.0	12.2	.0	.0	.1	0.	.0	.0	.0	.0
34 VIRGINIA	0.	.1	.0	2.6	.4	0.	0.	.0	.0	.0	0.
35 W VIRGINIA	0.	.1	.0	1.0	2.2	0.	0.	.1	.1	.0	0.
36 WISCONSIN	0.	.0	.0	.0	.0	1.6	0.	.0	2.1	.4	.0
37 MANITOBA	.0	0.	0.	0.	.0	.0	.3	.0	.4	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.3	0.	.1	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	.2	3.8	2.2	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.5	.1	2.4	.1
41 NEWFOLND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.5	7.4	18.9	8.0	6.9	6.2	.4	4.6	28.8	12.2	.3

TABLE D-24. ENAMAP-2N PAN WET DEPOSITION FOR AUGUST 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO PAN WET DEPOSITIONS WITHIN RECEPTOR REGIONS 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	1.6	.3	.0	.0	.1	.4	.1	.3	.0	.0	.6	.2	.0	.1	0.
2 ARKANSAS	.0	.5	.0	.0	.0	.0	.3	.1	.0	.0	.1	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	0.	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
5 FLORIDA	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	0.	0.	0.
6 GEORGIA	1.0	.0	.0	.0	.1	2.6	.0	.1	.0	.0	.0	.1	0.	0.	0.
7 ILLINOIS	.0	.0	0.	.0	.0	.0	3.3	1.5	.4	.0	.3	.1	.0	.0	0.
8 INDIANA	.0	.0	0.	.0	.0	.0	.8	1.9	.0	0.	.1	.0	.0	.4	.0
9 IOWA	.0	.0	.0	.0	0.	0.	.2	.0	.8	.0	.5	.0	.1	1.1	0.
10 KANSAS	0.	.0	.0	0.	0.	.0	1.0	.1	1.0	1.4	.0	0.	.0	.1	.2
11 KENTUCKY	.0	.0	0.	.2	.0	.0	.0	.8	.0	0.	2.5	.0	.0	.1	.1
12 LOUISIANA	.1	.4	.0	.0	.1	.0	.1	.0	.1	.1	.0	2.2	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	0.	0.	.5	0.	0.
14 MICHIGAN	.0	.0	0.	.0	0.	0.	.1	.1	.0	0.	.0	.0	.4	1.7	.0
15 MINNESOTA	.0	.0	.0	.0	0.	0.	.0	.0	.2	.0	.0	0.	.0	.1	.6
16 MISS.	.0	.2	.0	.0	.0	.0	.1	.0	.0	.0	.1	.2	.0	.0	0.
17 MISSOURI	.0	.0	.0	.0	.0	.0	1.7	.4	1.0	.5	.0	.0	.0	.2	.1
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	0.	0.	0.	.0	.0	.1	.0	0.	0.	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.	.0	.0	.0
21 NEW JERSEY	.0	0.	0.	.1	0.	.0	0.	0.	0.	0.	0.	0.	.7	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
23 NEW YORK	.0	0.	0.	.0	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24 N CAROLINA	.0	.0	.0	.2	.0	.2	.0	0.	0.	0.	0.	.0	1.3	0.	0.
25 N DAKOTA	0.	0.	.0	.0	0.	0.	.0	.0	.0	.0	.1	.0	.0	.0	0.
26 OHIO	.0	.0	0.	.2	0.	0.	.0	.0	.0	.0	0.	0.	.0	.0	.0
27 OKLAHOMA	0.	.1	.0	0.	0.	.0	.0	.1	0.	0.	.3	.0	.4	.0	0.
28 PENN.	0.	0.	0.	.9	0.	.0	.3	.0	.3	.8	.0	.0	.0	.0	.1
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	.0	.0	0.	0.	.0	.0	.5	0.	0.
30 S CARCLINA	.1	.0	.0	.0	.0	.6	1.6	.8	.4	.0	.2	.0	.0	.4	.0
31 S DAKOTA	0.	0.	.0	0.	0.	0.	.0	.0	.0	.0	0.	.0	.0	.0	.0
32 TENNESSEE	.0	.1	.0	.1	.0	.0	.2	.3	.0	.0	1.5	.0	.0	.0	0.
33 TEXAS	.0	.2	.1	0.	.0	.0	.2	.0	.3	.8	.0	.4	.0	.0	.0
34 VIRGINIA	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35 W VIRGINIA	.0	.0	0.	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
36 WISCONSIN	.0	.0	0.	.0	0.	.0	.2	.1	.2	0.	.1	0.	.2	.0	0.
37 MANITOBA	0.	0.	0.	0.	0.	0.	.0	.0	.0	0.	0.	0.	0.	.6	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0
39 ONTARIO	0.	0.	0.	.0	0.	0.	0.	.0	0.	0.	0.	0.	.0	0.	0.
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	.3	.0	.0
41 NEWFOLND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	0.	0.
TOTAL (KTON)	2.9	1.9	.2	4.5	.5	4.1	10.2	6.6	4.8	3.5	6.4	3.3	5.2	4.9	1.2

TABLE D-24. ENAMAP-2N PAN WET DEPOSITION FOR AUGUST 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO PAN WET DEPOSITIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	.9	.1	0.	.0	.0	.0	.0	.0	.1	0.	.1	.0	.0	.0	.0
2 ARKANSAS	.0	.4	0.	.0	.0	.0	.0	.0	.0	0.	.0	.1	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	0.	0.	.0	.3	0.	.1	.0	0.	.0	0.	.3	.1	.0
5 FLORIDA	.0	.0	0.	.0	0.	.0	.0	.0	.0	0.	.0	.0	.0	0.	.0
6 GEORGIA	.1	.0	0.	.0	.0	.0	.0	.0	.5	0.	.1	.0	.0	.0	.5
7 ILLINOIS	.0	.4	0.	.0	.0	.0	0.	.2	.0	0.	.5	.0	.1	.0	.0
8 INDIANA	.0	.1	0.	0.	.1	.0	0.	.5	.0	0.	2.4	0.	.6	.1	.0
9 IOWA	.0	.0	0.	.1	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	0.
10 KANSAS	0.	2.3	0.	.1	.0	0.	.0	.0	.0	.0	.0	.6	.0	.0	.0
11 KENTUCKY	.0	.0	0.	0.	.0	.1	0.	.3	.1	0.	2.5	0.	1.0	.1	.0
12 LOUISIANA	.3	.4	0.	.0	.0	.0	.0	.0	0.	0.	.0	.3	.0	.0	0.
13 MAINE	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	.0	.0	0.	0.	.3	.0	0.	.7	.0	0.	.4	.0	.4	.0	0.
15 MINNESOTA	.0	.0	0.	.0	.0	.0	0.	.0	0.	.0	.0	.0	.0	.0	0.
16 MISS.	.3	.1	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
17 MISSOURI	.0	1.7	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	.2	.0	.0	.0
19 NEBRASKA	0.	.0	0.	.1	.0	0.	.0	.0	0.	.0	0.	.0	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	.3	.0	0.	.0	0.	0.	0.	0.	0.	0.	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	1.2	0.	.5	.0	0.	0.	0.	.2	.6	.0
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	.0	0.	0.	0.	1.4	1.0	0.	3.0	.0	0.	0.	0.	.2	4.5	0.
24 N CAROLINA	.0	.0	0.	.0	.0	.0	.0	.0	2.1	0.	.1	.0	.0	.0	.3
25 N DAKOTA	0.	.0	.0	.0	.0	0.	0.	.0	0.	.0	.0	0.	.0	0.	0.
26 OHIO	.0	0.	0.	0.	.3	.2	0.	1.9	.0	0.	2.5	0.	2.6	.4	.0
27 OKLAHOMA	0.	.7	0.	.1	.0	0.	.0	.0	0.	.0	.0	1.0	.0	.0	0.
28 PENN.	0.	0.	0.	0.	.6	.9	0.	2.1	.0	0.	.1	0.	4.3	1.2	.0
29 RI/MA/CT	0.	0.	0.	0.	.1	.0	0.	.1	.0	0.	0.	0.	0.	.7	0.
30 S CAROLINA	.0	.1	0.	.0	.1	.0	.0	.1	.8	0.	.3	.0	.1	.0	1.1
31 S DAKOTA	0.	.0	.0	.0	.0	0.	0.	.0	0.	.0	0.	.0	0.	0.	0.
32 TENNESSEE	.0	.1	0.	.0	.0	.0	0.	.0	.3	0.	.4	.0	.2	.0	.0
33 TEXAS	.0	.4	0.	.1	.0	.0	.2	.0	0.	.0	.0	1.1	.0	.0	0.
34 VIRGINIA	.0	.0	0.	0.	.0	.2	.0	.1	.4	0.	.0	.0	.3	.1	.0
35 W VIRGINIA	.0	0.	0.	0.	.2	.4	0.	.9	.0	0.	.3	.0	2.6	.3	.0
36 WISCONSIN	.0	.0	0.	0.	.0	.0	0.	.0	0.	0.	.0	0.	.0	.0	0.
37 MANITOBA	0.	.0	0.	0.	.0	0.	0.	.0	0.	.0	.0	0.	.0	.0	0.
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39 ONTARIO	0.	0.	0.	0.	.3	.0	0.	.4	.0	.0	.0	0.	.0	.0	0.
40 QUEBEC	0.	0.	0.	0.	.1	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	1.8	6.7	.0	.4	4.0	4.4	.2	11.0	4.4	.1	10.0	3.5	13.0	8.5	2.1

TABLE D-24. ENAMAP-2N PAN WET DEPOSITION FOR AUGUST 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO PAN WET DEPOSITIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	.0	1.1	.2	.1	.1	.0	0.	.0	.0	.0	0.
2 ARKANSAS	.0	.1	.1	0.	.0	.0	0.	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	.0	.0	.3	.1	.0	0.	.0	.0	0.	0.
5 FLORIDA	0.	.0	.0	.0	.0	0.	0.	0.	.0	0.	0.
6 GEORGIA	.0	.6	.1	.2	.2	.0	0.	.0	.0	.0	0.
7 ILLINOIS	.0	.0	.0	.0	.0	.4	0.	.0	.4	.0	.0
8 INDIANA	0.	.1	0.	.0	.1	.2	0.	.0	1.2	.1	0.
9 IOWA	.0	.0	.0	.0	.0	.5	0.	.0	.1	.0	.0
10 KANSAS	.0	.0	.1	0.	.0	.5	0.	.0	.1	.0	.0
11 KENTUCKY	0.	.3	.0	.3	1.0	.0	0.	.0	.3	.1	0.
12 LOUISIANA	.0	.0	1.6	0.	.0	.0	0.	.0	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.2	0.	.0	0.
14 MICHIGAN	0.	.0	.0	.0	.1	.1	0.	.1	3.7	.4	.0
15 MINNESOTA	.0	.0	.0	.0	.0	.7	.0	.0	.2	.0	.0
16 MISS.	.0	.1	.1	.0	.0	.0	0.	.0	.0	.0	0.
17 MISSOURI	.0	.0	.1	.0	.0	.4	0.	.0	.2	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	0.	.0	0.	0.	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.2	0.	.0	0.
21 NEW JERSEY	0.	0.	0.	.0	0.	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.0	.0	0.	0.	.6	.2	.1	0.
24 N CAROLINA	.0	.1	.0	1.2	.1	0.	0.	.0	.0	.0	0.
25 N DAKOTA	.0	.0	0.	0.	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	.0	0.	.1	.9	.0	0.	.1	1.1	.1	0.
27 OKLAHOMA	.0	0.	.2	0.	0.	.1	0.	.0	.0	.0	.0
28 PENN.	0.	.0	.0	.2	.4	0.	0.	.1	.2	.0	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	.2	0.	0.	0.
30 S CAROLINA	0.	.1	.0	.2	.0	.7	0.	.0	.6	.0	0.
31 S DAKOTA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	1.4	.0	.7	.5	.0	0.	.0	.1	.0	0.
33 TEXAS	.0	.0	4.4	0.	.0	.0	0.	.0	.0	.0	.0
34 VIRGINIA	0.	.0	.0	2.2	.5	0.	0.	.0	.0	.0	0.
35 W VIRGINIA	0.	.0	.0	.5	1.9	0.	0.	.1	.0	.0	0.
36 WISCONSIN	0.	.0	0.	.0	.0	1.1	0.	.0	.5	.0	.0
37 MANITOBA	.0	0.	0.	0.	0.	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.1	0.	.0	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	0.	.1	1.0	.4	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.2	.0	.4	.0
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.2	4.0	6.9	6.1	5.9	4.8	.0	2.0	10.2	1.8	.0

TABLE D-25. ENAMAP-2N HNO_3 CONCENTRATION FOR AUGUST 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO HNO3CONCENTRATIONS WITHIN RECEPTOR REGIONS 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	2.7	.6	.0	.0	.7	.4	.2	.2	.0	.0	.4	.9	.0	.0	0.
2 ARKANSAS	.0	.9	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
5 FLORIDA	.0	.0	.0	.0	.5	.1	.0	.0	.0	.0	.0	.0	0.	0.	0.
6 GEORGIA	2.3	.2	.0	.0	.8	2.1	.0	.1	.0	.0	.0	.1	0.	0.	0.
7 ILLINOIS	.2	.8	.0	.1	.0	.0	2.8	2.8	.1	.0	.4	.4	.0	.0	0.
8 INDIANA	.2	.1	0.	.4	.0	.0	.8	3.3	.0	.0	.9	.2	.2	.6	.0
9 IOWA	.0	.1	.0	.0	0.	.0	.4	.1	.9	.1	1.8	.1	.7	1.5	0.
10 KANSAS	.0	.2	.1	0.	0.	.0	.5	.1	.4	1.0	.0	.0	.0	.2	.2
11 KENTUCKY	.6	.1	0.	.6	.0	.1	.1	.8	.0	.0	2.9	.1	.2	.1	.0
12 LOUISIANA	.4	.8	.0	.0	.7	.2	.1	.1	.0	.1	.0	3.8	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
14 MICHIGAN	.0	.0	0.	.3	0.	.0	.1	.6	.0	0.	.2	.0	1.1	2.1	.0
15 MINNESOTA	.0	.0	.0	.0	0.	0.	.2	.2	.3	.0	.0	.0	.0	.6	.7
16 MISS.	.2	.4	.0	.0	.2	.0	.0	.0	.0	.0	.0	.6	.0	.0	0.
17 MISSOURI	.0	.6	.0	.0	.0	.0	1.4	.7	.4	.6	.2	.1	.0	.3	.1
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	0.	0.	0.	.0	.0	.1	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.
21 NEW JERSEY	.0	0.	0.	.4	.0	.0	0.	0.	0.	0.	0.	.0	.1	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	.0	0.	0.	.4	.0	.0	0.	0.	0.	0.	0.	0.	1.9	0.	0.
24 N CARCLINA	.5	.0	.0	.5	.2	.9	.0	.0	.0	.0	.3	.1	.0	.0	0.
25 N DAKOTA	0.	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.1
26 OHIO	.1	.0	0.	1.2	.0	.1	.0	.3	0.	0.	1.0	.0	.8	.1	0.
27 OKLAHOMA	.0	.2	.1	.0	0.	.0	.2	.0	.2	.6	.0	.0	.0	.0	.0
28 PENN.	.0	.0	0.	2.8	0.	.0	.0	.0	0.	0.	.0	.0	.7	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
30 S CARCLINA	.4	.3	.0	.2	.3	1.0	1.2	1.4	.1	.0	.5	.2	.2	1.1	.0
31 S DAKOTA	0.	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0
32 TENNESSEE	.8	.7	.0	.2	.0	.2	.2	.3	.0	.0	1.1	.4	.0	.1	.0
33 TEXAS	.0	.3	.7	.0	.0	.0	.1	.0	.3	1.0	.0	.7	.0	.1	.0
34 VIRGINIA	.1	.0	.0	1.8	.1	.3	.0	.0	.0	.0	.1	.0	.0	.0	0.
35 W VIRGINIA	.0	.0	0.	1.8	.0	.1	.0	.0	0.	0.	.2	.0	.3	.0	0.
36 WISCONSIN	.0	.0	0.	.1	0.	.0	.2	.4	.1	0.	.2	.0	.1	1.2	.0
37 MANITOBA	0.	0.	0.	0.	0.	0.	.0	.0	.0	0.	0.	0.	.0	.0	.2
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	0.	0.	0.	0.	.7	.0	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	8.8	6.2	1.0	12.0	3.4	5.5	8.8	11.5	3.1	3.5	10.4	7.7	8.5	8.1	1.3

Camera Setting: Same Size

TABLE D-25. ENAMAP-2N HNO_3 CONCENTRATION FOR AUGUST 1977 (continued)

EMITTER REGION	TOTAL	CONTRIBUTIONS TO HNO3CONCENTRATIONS WITHIN RECEPTOR REGIONS														
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	2.7	.2	0.	.0	.0	.0	.0	.0	.1	0.	.1	.1	.0	.0	.0
2 ARKANSAS	.1	.4	0.	.0	.0	.0	.0	.0	.0	0.	.0	.2	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	0.	.0	.0	1.2	.0	.1	.3	0.	.0	.0	.3	.3	.1
5 FLORICA	.1	.0	0.	.0	0.	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
6 GEORGIA	.7	.0	0.	.0	.0	.0	.0	.0	.2	0.	.1	.0	.0	.0	.5
7 ILLINOIS	.3	1.0	0.	.0	.3	.1	0.	.5	.0	0.	1.5	.1	.3	.1	.0
8 INDIANA	.5	.2	0.	0.	.9	.3	0.	1.4	.1	0.	3.1	.0	1.2	.6	.0
9 IOWA	.0	.2	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
10 KANSAS	.0	1.8	0.	.1	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0
11 KENTUCKY	.9	.0	0.	0.	.2	.5	0.	.3	.2	0.	1.6	.0	1.0	.4	.1
12 LOUISIANA	.7	.3	0.	.0	.0	.0	.1	.0	.0	0.	.0	.5	.0	.0	.0
13 MAINE	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	.0	.0	0.	0.	1.3	.3	0.	2.0	.1	0.	1.5	.0	.8	.4	.0
15 MINNESOTA	.0	.1	0.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	0.
16 MISS.	.7	.1	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
17 MISSOURI	.2	2.1	0.	.0	.1	.0	.0	.1	.0	.0	.2	.4	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	.1	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	0.
20 NH/VT	0.	0.	0.	0.	.3	.0	0.	.0	0.	0.	0.	0.	0.	.6	0.
21 NEW JERSEY	.0	0.	0.	0.	.1	2.9	0.	.3	.2	0.	0.	0.	.1	1.6	.0
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	.0	0.	0.	0.	2.7	3.4	0.	2.0	.1	0.	.0	0.	.3	8.5	.0
24 N CARCLINA	.2	.0	0.	.0	.0	.1	.0	.0	2.6	0.	.1	.0	.0	.0	1.6
25 N DAKOTA	0.	.0	.0	.0	.0	.0	0.	.0	0.	.1	.0	.0	.0	.0	0.
26 OHIO	.0	.0	0.	0.	1.3	1.2	.0	2.0	.2	0.	2.9	0.	3.2	1.5	.1
27 OKLAHOMA	.0	.5	0.	.1	.0	.0	.0	.0	.0	.0	.0	1.2	.0	.0	0.
28 PENN.	.0	.0	0.	0.	1.4	4.1	0.	1.7	.3	0.	.1	0.	3.3	3.6	.1
29 RI/MA/CT	0.	0.	0.	0.	.1	.0	0.	.0	.0	0.	0.	0.	.0	1.0	.0
30 S CARCLINA	.4	.2	0.	.0	.3	.2	.0	.4	.8	0.	.6	.0	.2	.0	1.8
31 S DAKOTA	0.	.0	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	0.	0.
32 TENNESSEE	1.1	.2	0.	.0	.1	.1	.0	.1	.3	0.	.3	.1	.1	.0	.1
33 TEXAS	.1	.4	0.	.4	.0	.0	1.9	.0	.0	.0	.0	1.8	.0	.0	0.
34 VIRGINIA	.0	.0	0.	.0	.0	.6	.0	.1	1.1	0.	.0	.0	.2	.2	.4
35 W VIRGINIA	.0	.0	0.	0.	.7	1.9	.0	.9	.4	0.	.3	.0	2.3	1.1	.1
36 WISCONSIN	.0	.0	0.	0.	.1	.1	0.	.1	.0	0.	.3	0.	.1	.0	.0
37 MANITOBA	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	0.	.0	.0	0.
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.
39 ONTARIO	0.	0.	0.	0.	.7	.1	0.	.9	.0	.0	.1	0.	.2	.3	.0
40 QUEBEC	0.	0.	0.	0.	.3	0.	0.	.1	0.	0.	0.	0.	.0	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	8.7	7.8	.0	.8	11.0	17.1	2.2	13.2	6.9	.2	13.0	5.1	13.8	20.3	4.9

TABLE D-25. ENAMAP-2N HNO_3 CONCENTRATION FOR AUGUST 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO HNO3 CONCENTRATIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	.0	1.0	.2	.1	.1	.0	0.	.0	.0	.0	0.
2 ARKANSAS	.0	.1	.1	.0	.0	.0	0.	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	.0	.0	.5	.1	.0	0.	.0	.0	0.	0.
5 FLORIDA	0.	.0	.0	.0	.0	0.	0.	0.	.0	0.	0.
6 GEORGIA	.0	.8	.1	.1	.1	.0	0.	.0	.0	0.	0.
7 ILLINOIS	.0	.7	.0	.1	.2	.1	0.	.1	.2	.2	.0
8 INDIANA	0.	.8	.0	.2	.8	.1	0.	.3	.4	.4	.1
9 IOWA	.0	.0	.0	.0	.0	.5	.0	.0	.1	.0	.0
10 KANSAS	.0	.0	.0	.0	.0	.1	0.	.0	.0	.0	.0
11 KENTUCKY	0.	1.7	.0	.5	1.8	.0	0.	.2	.1	.1	0.
12 LOUISIANA	.0	.0	1.1	0.	.0	.0	0.	.0	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.2	0.	.0	.0
14 MICHIGAN	0.	.0	.0	.2	.3	.0	0.	.7	1.0	.7	.1
15 MINNESOTA	.0	.0	.0	.0	.0	1.6	.0	.0	.3	.1	.0
16 MISS.	.0	.1	.1	.0	.0	.0	0.	.0	.0	.0	0.
17 MISSOURI	.0	.2	.0	.0	.0	.2	0.	.0	.1	.1	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	0.	0.	0.	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.3	0.	.0	.0
21 NEW JERSEY	0.	0.	.0	.3	.0	0.	0.	.1	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	.0	.3	.0	0.	0.	1.5	.0	.1	.0
24 N CAROLINA	.0	.5	.0	1.5	.2	0.	0.	.0	.0	.0	0.
25 N DAKOTA	.1	.0	0.	0.	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	.3	.0	.6	2.5	.0	0.	.5	.2	.1	.0
27 OKLAHOMA	.0	.0	.1	.0	.0	.1	0.	.0	.0	.0	.0
28 PENN.	0.	.0	.0	1.2	.7	0.	0.	.4	.0	.0	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	.3	0.	0.	0.
30 S CAROLINA	.0	.5	.1	.3	.3	.3	0.	.1	.3	.2	.0
31 S DAKOTA	.1	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	1.8	.1	.5	.4	.0	0.	.0	.0	.0	.0
33 TEXAS	.0	.0	2.3	.0	.0	.1	0.	.0	.0	.0	.0
34 VIRGINIA	0.	.2	.0	2.5	.7	0.	0.	.0	.0	.0	.0
35 W VIRGINIA	0.	.1	.0	1.3	2.7	0.	0.	.0	.0	.0	0.
36 WISCONSIN	0.	.1	.0	.0	.1	.8	0.	.2	.0	.0	0.
37 MANITOBA	.0	0.	0.	0.	.0	.0	.1	.0	.1	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.2	0.	.0	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	.4	.3	.5	.1
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.5	.0	.3	.1
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	.3	8.9	4.3	10.1	10.8	4.1	.1	6.2	3.5	3.0	.5

TABLE D-26. ENAMAP-2N HNO_3 DRY DEPOSITION FOR AUGUST 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO HNO3DRY DEPOSITIONS WITHIN RECEPTOR REGIONS 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	4.2	1.1	.0	.0	.8	.8	.2	.2	.0	.1	.6	1.6	.0	.1	0.
2 ARKANSAS	.0	1.6	.0	.0	.0	.0	.3	.1	.1	.2	.1	.2	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	.0	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	0.
5 FLORIDA	.1	.0	.0	.0	.5	.3	.0	.0	.0	.0	.0	.2	0.	0.	0.
6 GEORGIA	3.5	.3	.0	.0	.9	4.4	.0	.1	.0	.0	.6	.7	.0	.0	0.
7 ILLINOIS	.4	1.5	.0	.0	.0	.0	5.3	3.4	.3	.0	1.3	.3	.3	1.3	.0
8 INDIANA	.3	.2	0.	.2	.0	.1	1.5	4.4	.0	.0	2.5	.1	.9	3.0	0.
9 IOWA	.0	.1	.0	.0	0.	.0	.7	.1	2.3	.3	.0	.0	.0	.5	.5
10 KANSAS	.0	.4	.1	0.	0.	.0	.9	.1	1.0	3.0	.0	.0	.0	.2	.1
11 KENTUCKY	1.0	.2	0.	.3	.0	.2	.2	1.0	.0	.0	4.2	.2	.3	.2	0.
12 LOUISIANA	.5	1.5	.0	.0	.8	.4	.3	.1	.1	.4	.0	6.7	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.
14 MICHIGAN	.0	.0	0.	.2	0.	.0	.2	.8	.0	0.	.2	.0	1.6	4.3	.0
15 MINNESOTA	.0	.0	.0	.0	0.	0.	.4	.2	.9	.1	.0	.0	.1	1.4	2.1
16 MISS.	.3	.7	.0	.0	.2	.1	.1	.0	.0	.0	.1	1.1	.0	.0	0.
17 MISSOURI	.1	1.0	.0	.0	.0	.0	2.5	.9	1.2	1.7	.3	.1	.1	.6	.2
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	0.	0.	0.	.0	.0	.3	.1	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	0.	0.
21 NEW JERSEY	.0	0.	0.	.2	.0	.0	0.	0.	0.	0.	0.	.0	.1	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	.0	0.	0.	.2	.0	.0	0.	0.	0.	0.	0.	0.	2.6	0.	0.
24 N CAROLINA	.8	.0	.0	.2	.2	1.9	.0	.0	.0	.0	.4	.1	.0	.0	0.
25 N DAKOTA	0.	.0	.0	.0	0.	0.	.0	.0	.1	.0	.0	0.	.0	.0	.2
26 OHIO	.2	.0	0.	.7	.0	.2	.0	.3	0.	0.	1.4	.0	1.1	.1	0.
27 OKLAHOMA	.0	.4	.1	.0	0.	.0	.3	.1	.5	1.7	.0	.0	.0	.1	.1
28 PENN.	.0	.0	0.	1.6	0.	.0	.0	.0	0.	0.	.0	.0	.8	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
30 S CAROLINA	.7	.5	.0	.1	.3	2.0	2.5	1.8	.2	.0	.8	.4	.3	2.3	.0
31 S DAKOTA	0.	.0	.0	.0	0.	0.	.0	.0	.1	.0	.0	0.	.0	.0	.1
32 TENNESSEE	1.2	1.2	.0	.1	.1	.5	.3	.4	.0	.1	1.6	.6	.1	.1	.0
33 TEXAS	.1	.5	.8	.0	.0	.0	.3	.0	1.0	3.2	.0	1.2	.0	.1	.1
34 VIRGINIA	.2	.0	.0	.9	.1	.7	.0	.0	.0	.0	.2	.0	.0	.0	0.
35 W VIRGINIA	.1	.0	0.	1.0	.0	.1	.0	.0	0.	0.	.2	.0	.4	.0	0.
36 WISCONSIN	.0	.0	0.	.0	0.	.0	.5	.5	.2	0.	.2	.0	.1	2.5	.1
37 MANITOBA	0.	0.	0.	0.	0.	0.	.0	.0	.0	0.	0.	0.	.0	.1	.5
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	0.	0.	.0	0.	1.0	.1	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9	0.	0.
41 NEWFOLND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	13.7	11.6	1.1	6.6	3.9	11.7	16.6	14.7	8.2	10.9	14.7	13.6	11.5	17.0	4.0

TABLE D-26. ENAMAP-2N HNO_3 DRY DEPOSITION FOR AUGUST 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO HNO3DRY DEPOSITIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	5.0	.4	0.	.0	.0	.0	.0	.0	.1	0.	.1	.2	.0	.0	.0
2 ARKANSAS	.2	.8	0.	.0	.0	.0	.0	.0	.0	0.	.1	.5	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	0.	.0	.0	.4	.0	.1	.5	0.	.0	.0	.3	.2	.1
5 FLORIDA	.1	.0	0.	.0	0.	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
6 GEORGIA	1.3	.1	0.	.0	.0	.0	.0	.0	.4	0.	.1	.1	.0	.0	.5
7 ILLINOIS	.6	2.2	0.	.0	.2	.0	0.	.9	.1	0.	2.4	.2	.4	.1	.0
8 INDIANA	1.0	.3	0.	0.	.7	.1	0.	2.6	.2	0.	4.8	.0	1.6	.3	.0
9 IOWA	.0	.4	0.	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	0.
10 KANSAS	.0	4.1	0.	.4	.0	.0	.0	.0	.0	.0	.0	1.4	.0	.0	.0
11 KENTUCKY	1.5	.1	0.	0.	.1	.2	0.	.6	.4	0.	2.5	.0	1.3	.2	.1
12 LOUISIANA	1.4	.7	0.	.1	.0	.0	.1	.0	.0	0.	.0	1.3	.0	.0	.0
13 MAINE	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	.0	.0	0.	0.	.9	.1	0.	3.6	.2	0.	2.4	.0	1.1	.2	.0
15 MINNESOTA	.0	.3	0.	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	0.
16 MISS.	1.3	.2	0.	.0	.0	.0	.0	.0	.0	0.	.0	.1	.0	.0	.0
17 MISSOURI	.3	4.7	0.	.1	.0	.0	.0	.1	.0	.0	.3	.9	.1	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
20 NH/VT	0.	0.	0.	0.	.2	.0	0.	.0	0.	0.	0.	0.	0.	.3	0.
21 NEW JERSEY	.0	0.	0.	0.	.1	1.0	0.	.4	.3	0.	0.	0.	.2	.8	.0
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	.0	0.	0.	0.	1.9	1.3	0.	3.7	.2	0.	.0	0.	.5	4.2	.0
24 N CAROLINA	.3	.0	0.	.0	.0	.0	.0	.0	4.7	0.	.1	.0	.0	.0	1.7
25 N DAKOTA	0.	.0	.0	.0	.0	.0	0.	.0	0.	.2	.0	.0	.0	.0	0.
26 OHIO	.1	.0	0.	0.	.9	.4	.0	3.6	.4	0.	4.6	0.	4.5	.8	.1
27 OKLAHOMA	.0	1.2	0.	.3	.0	.0	.0	.0	.0	.0	.0	3.0	.0	.0	0.
28 PENN.	.0	.0	0.	0.	1.0	1.3	0.	2.9	.5	0.	.1	0.	4.5	1.9	.1
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.1	.0	0.	0.	0.	.0	.5	.0
30 S CAROLINA	.7	.4	0.	.0	.2	.0	.0	.8	1.5	0.	1.0	.1	.2	.0	2.0
31 S DAKOTA	0.	.0	.0	.1	.0	0.	.0	.0	0.	.1	.0	.0	.0	0.	0.
32 TENNESSEE	2.0	.3	0.	.0	.0	.0	.0	.1	.5	0.	.5	.2	.1	.0	.1
33 TEXAS	.2	.8	0.	1.1	.0	.0	1.0	.0	.0	.0	.0	4.7	.0	.0	0.
34 VIRGINIA	.0	.0	0.	.0	.0	.2	.0	.1	2.0	0.	.1	.0	.3	.1	.5
35 W VIRGINIA	.0	.0	0.	0.	.5	.6	.0	1.6	.7	0.	.4	.0	3.1	.6	.1
36 WISCONSIN	.1	.0	0.	0.	.0	.0	0.	.2	.0	0.	.5	0.	.2	.0	.0
37 MANITOBA	0.	.0	.0	0.	.0	.0	0.	.0	0.	.1	.0	0.	.0	.0	0.
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.
39 ONTARIO	0.	0.	0.	0.	.5	.0	0.	1.5	.0	.0	.1	0.	.3	.1	.0
40 QUEBEC	0.	0.	0.	0.	.2	0.	0.	.1	0.	0.	0.	0.	.0	.0	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	16.0	17.1	.0	2.5	7.9	5.8	1.2	23.6	12.8	.5	20.6	12.9	18.9	10.4	5.4

TABLE D-26. ENAMAP-2N HNO_3 DRY DEPOSITION FOR AUGUST 1977 (concluded)

EMITTER REGION	TOTAL 31	CONTRIBUTIONS TO HNO3DRY DEPOSITIONS WITHIN RECEPTOR REGIONS 32	33	34	35	36	37	38	39	40	41
1 ALABAMA	.0	1.4	1.9	.1	.1	.0	0.	.0	.2	.1	0.
2 ARKANSAS	.0	.1	.6	.0	.0	.1	0.	.0	.2	.1	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	.0	.0	.7	.1	.0	0.	.0	.0	0.	0.
5 FLORIDA	0.	.0	.1	.0	.0	0.	0.	0.	.0	0.	0.
6 GEORGIA	.0	1.1	.8	.1	.1	.0	0.	.0	.1	.0	0.
7 ILLINOIS	.0	1.0	.2	.1	.2	.3	0.	.2	3.2	2.6	.0
8 INDIANA	0.	1.3	.0	.3	.8	.1	0.	.6	7.0	5.1	.3
9 IOWA	.1	.0	.0	.0	.0	1.0	.0	.0	1.0	.3	.0
10 KANSAS	.1	.0	.2	.0	.0	.3	0.	.0	.5	.3	.0
11 KENTUCKY	0.	2.6	.0	.7	1.9	.0	0.	.3	1.2	1.0	0.
12 LOUISIANA	.0	.0	8.3	0.	.0	.0	0.	.0	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.4	0.	.0	.0
14 MICHIGAN	0.	.0	.0	.2	.3	.1	0.	1.3	15.6	9.0	.4
15 MINNESOTA	.1	.0	.0	.0	.0	3.4	.1	.1	4.2	1.1	.0
16 MISS.	.0	.1	.8	.0	.0	.0	0.	.0	.0	.0	0.
17 MISSOURI	.0	.3	.2	.0	.0	.4	0.	.0	1.1	.8	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.1	.0	.0	0.	0.	.1	.0	.0	.1	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.6	0.	.0	.0
21 NEW JERSEY	0.	0.	.0	.4	.0	0.	0.	.2	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	.0	.4	.0	0.	0.	2.7	.5	1.1	.0
24 N CAROLINA	.0	.7	.2	1.9	.2	0.	0.	.0	.0	.0	0.
25 N DAKOTA	.3	.0	0.	0.	.0	.1	.1	.0	.2	.0	.0
26 OHIO	0.	.4	.0	.9	2.6	.0	0.	1.0	2.5	1.5	.0
27 OKLAHOMA	.1	.0	.8	.0	.0	.2	0.	.0	.2	.1	.0
28 PENN.	0.	.0	.0	1.7	.7	0.	0.	.9	.3	.3	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	.6	0.	0.	0.
30 S CAROLINA	.0	.8	.5	.4	.3	.7	0.	.2	4.5	2.7	.1
31 S DAKOTA	.2	.0	0.	.0	.0	.0	.0	.0	.1	.0	.0
32 TENNESSEE	.0	2.7	.7	.6	.4	.0	0.	.0	.4	.4	.0
33 TEXAS	.1	.0	18.2	.0	.0	.3	0.	.0	.2	.0	.0
34 VIRGINIA	0.	.2	.0	3.4	.6	0.	0.	.0	.0	.0	0.
35 W VIRGINIA	0.	.2	.0	1.7	2.8	0.	0.	.4	.1	.1	0.
36 WISCONSIN	0.	.1	.0	.0	.1	1.9	0.	.2	5.1	2.4	.1
37 MANITOBA	.0	0.	0.	0.	.0	.1	.4	.0	1.1	.2	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.3	0.	.2	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	.8	5.4	6.0	.2
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	1.0	.1	4.2	.2
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.9	13.3	33.6	13.6	11.1	9.1	.6	11.7	54.9	39.9	1.4

Camera Setting: Same Size

TABLE D-27. ENAMAP-2N HNO_3 WET DEPOSITION FOR AUGUST 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO HNO3WET DEPOSITIONS WITHIN RECEPTOR REGIONS 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	3.0	.6	.0	.0	.3	.7	.6	.8	.1	.0	1.2	.6	.0	.2	0.
2 ARKANSAS	.0	.8	.0	.0	.0	.0	.5	.2	.1	.2	.1	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	0.	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
5 FLORIDA	.1	.0	.0	.0	.3	.4	.0	.0	.0	.0	.0	.2	0.	0.	0.
6 GEORGIA	2.1	.2	.0	.0	.2	4.3	.1	.3	.0	.0	.7	.4	.0	.0	0.
7 ILLINOIS	.1	.1	0.	.0	.0	.0	5.1	2.8	.6	.0	.3	.0	.3	.7	.0
8 INDIANA	.1	.0	0.	.1	.0	.0	1.4	2.8	.0	0.	1.0	.0	.8	2.0	0.
9 IOWA	.0	.0	.0	.0	0.	0.	.5	.1	1.6	.1	.0	0.	.0	.3	.4
10 KANSAS	0.	.1	.1	0.	0.	.0	1.7	.2	1.7	2.5	.0	0.	.0	.2	.3
11 KENTUCKY	.1	.0	0.	.5	.0	.1	.1	1.4	.0	0.	3.6	.0	.2	.1	0.
12 LOUISIANA	.3	.9	.0	.0	.4	.4	.5	.1	.3	.3	.0	3.8	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6	0.	0.
14 MICHIGAN	.0	.0	0.	.1	0.	0.	.2	.2	.0	0.	.1	.0	1.6	2.7	.0
15 MINNESOTA	.0	.0	.0	.0	0.	0.	.2	.1	.4	.0	.0	0.	.0	.4	1.0
16 MISS.	.1	.4	.0	.0	.1	.1	.3	.1	.0	.0	.2	.4	.0	.0	0.
17 MISSOURI	.0	.1	.0	.0	.0	.0	3.1	.9	1.7	1.0	.2	.0	.1	.4	.2
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	0.	0.	0.	.0	.0	.2	.1	0.	0.	.0	.0	.1
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9	0.	0.
21 NEW JERSEY	.0	0.	0.	.2	0.	.0	0.	0.	0.	0.	0.	0.	.1	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	.0	0.	0.	.2	.0	0.	0.	0.	0.	0.	0.	.0	2.8	0.	0.
24 N CARCLINA	.3	.0	.0	.6	.1	.8	.0	.0	.0	.0	.4	.0	.0	.0	0.
25 N DAKOTA	0.	0.	.0	.0	0.	0.	.0	.0	.1	.0	.0	0.	.0	.0	.1
26 OHIO	.0	.0	0.	.5	0.	.0	.0	.2	0.	0.	.8	.0	1.3	.0	0.
27 OKLAHOMA	0.	.2	.0	0.	0.	0.	.6	.1	.6	1.7	.0	.0	.0	.1	.2
28 PENN.	0.	0.	0.	1.6	0.	.0	.0	.0	0.	0.	.0	.0	1.3	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
30 S CARCLINA	.3	.1	.0	.1	.1	1.4	2.4	1.4	.6	.0	.5	.1	.3	.9	.0
31 S DAKOTA	0.	0.	.0	0.	0.	0.	.0	.0	.1	.0	.0	0.	.0	.0	.0
32 TENNESSEE	.2	.2	.0	.2	.0	.1	.5	.6	.1	.0	2.3	.0	.0	.1	0.
33 TEXAS	.0	.5	.5	0.	.0	.0	.5	.1	1.0	2.4	.0	.7	.0	.0	.1
34 VIRGINIA	.1	.0	.0	1.5	.0	.2	.0	.0	.0	.0	.1	.0	.0	.0	0.
35 W VIRGINIA	.0	.0	0.	1.3	.0	.0	.0	.0	0.	0.	.2	0.	.7	.0	0.
36 WISCONSIN	.0	.0	0.	.0	0.	.0	.4	.2	.3	0.	.1	0.	.1	1.2	.1
37 MANITOBA	0.	0.	0.	0.	0.	0.	.0	.0	.0	0.	0.	0.	.0	.0	.1
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	0.	.0	0.	0.	.0	0.	.9	.1	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0	0.	0.
41 NEWFOLND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	6.8	4.1	.7	8.0	1.4	8.6	18.8	12.4	9.5	8.4	11.8	6.3	13.5	9.7	2.5

TABLE D-27. ENAMAP-2N HNO_3 WET DEPOSITION FOR AUGUST 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO HNO3WET DEPOSITIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	1.7	.3	0.	.0	.0	.0	.0	.0	.2	0.	.3	.1	.0	.0	.0
2 ARKANSAS	.0	.7	0.	.0	.0	.0	.0	.0	.0	0.	.1	.2	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	0.	0.	.0	.5	0.	.2	.1	0.	.0	0.	.4	.3	.1
5 FLORIDA	.0	.0	0.	.0	0.	.0	.0	.0	.0	0.	.0	.0	.0	0.	.0
6 GEORGIA	.4	.1	0.	.0	.0	.0	.0	.0	.8	0.	.4	.0	.0	.0	.7
7 ILLINOIS	.0	.9	0.	.0	.2	.0	0.	.7	.0	0.	1.5	.1	.4	.1	.0
8 INDIANA	.2	.2	0.	0.	.6	.1	0.	1.8	.0	0.	4.3	0.	1.6	.3	.0
9 IOWA	.0	.1	0.	.2	.0	.0	.0	.0	0.	.1	.0	.1	.0	.0	0.
10 KANSAS	0.	4.0	0.	.3	.0	0.	.0	.0	0.	.0	.0	1.4	.0	.0	.0
11 KENTUCKY	.1	.0	0.	0.	.1	.2	0.	.8	.1	0.	3.7	0.	1.9	.3	.1
12 LOUISIANA	.6	1.6	0.	.0	.0	.0	.0	.0	0.	0.	.1	.9	.0	.0	0.
13 MAINE	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.
14 MICHIGAN	.0	.0	0.	0.	1.0	.0	0.	2.4	.0	0.	0.	0.	1.0	.1	0.
15 MINNESOTA	.0	.0	0.	.0	.0	.0	0.	.0	0.	.0	.9	.0	.0	.0	0.
16 MISS.	.5	.2	0.	.0	.0	.0	0.	.0	0.	0.	.0	.0	.0	.0	0.
17 MISSOURI	.0	3.0	0.	.1	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	.1	.0	.0	.3	.6	.1	.0	.0
19 NEBRASKA	0.	.0	0.	.1	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	.4	.0	0.	.0	0.	.0	0.	.0	0.	0.	0.
21 NEW JERSEY	0.	0.	0.	0.	.1	1.6	0.	.0	0.	0.	0.	0.	0.	.3	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	.7	.1	0.	0.	0.	.3	1.0	.0
23 NEW YORK	.0	0.	0.	0.	2.3	1.4	0.	3.9	.0	0.	0.	0.	0.	0.	0.
24 N CAROLINA	.1	.0	0.	.0	.0	.1	.0	.0	3.4	0.	.2	.0	.1	.0	.7
25 N DAKOTA	0.	.0	.0	.0	.0	0.	0.	.0	0.	.1	.0	0.	.0	0.	0.
26 OHIO	.0	0.	0.	0.	1.0	.4	0.	3.8	.1	0.	3.7	0.	4.6	.9	.0
27 OKLAHOMA	0.	1.2	0.	.2	.0	0.	0.	.0	0.	.0	.0	1.9	.0	.0	0.
28 PENN.	0.	0.	0.	0.	1.3	1.4	0.	3.4	.1	0.	.1	0.	6.1	2.4	.1
29 RI/MA/CT	0.	0.	0.	0.	.1	.0	0.	.2	.0	0.	.1	0.	0.	.9	0.
30 S CAROLINA	.1	.3	0.	.0	.3	.0	.0	.4	1.5	0.	.7	.0	.1	.0	1.8
31 S DAKOTA	0.	.0	.0	.0	.0	0.	0.	.0	0.	.0	0.	.0	0.	0.	0.
32 TENNESSEE	.1	.2	0.	.0	.0	.0	0.	.1	.5	0.	.7	.0	.3	.0	.0
33 TEXAS	.1	1.2	0.	.5	.0	.0	0.	.0	0.	.0	.0	2.6	.0	.0	0.
34 VIRGINIA	.0	.0	0.	0.	.0	.5	.4	.0	.8	0.	.1	.0	.6	.2	.1
35 W VIRGINIA	.0	0.	0.	0.	.0	.0	.0	.2	.2	0.	.4	.0	4.0	.7	.0
36 WISCONSIN	.0	.0	0.	0.	.6	.8	0.	1.7	0.	0.	.1	0.	.0	.0	0.
37 MANITOBA	0.	.0	0.	0.	.0	.0	0.	.1	0.	0.	.1	0.	.0	.0	0.
38 N BRUNS	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	.0	0.	.0	0.	0.
39 ONTARIO	0.	0.	0.	0.	.0	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.
40 QUEBEC	0.	0.	0.	0.	.7	.0	0.	.9	.0	.0	0.	0.	0.	0.	0.
41 NEWFCLND	0.	0.	0.	0.	.2	0.	0.	.1	0.	0.	0.	0.	.1	.1	0.
TOTAL (KTONS)	4.2	14.2	.0	1.5	9.2	7.2	.5	21.5	7.9	.3	18.0	8.0	22.0	14.2	3.7

TABLE D-27. ENAMAP-2N HNO_3 WET DEPOSITION FOR AUGUST 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO HNO3WET DEPOSITIONS WITHIN RECEPTOR REGIONS 31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	.0	2.0	.0	.2	.1	.0	0.	.0	.1	.0	0.
2 ARKANSAS	.0	.1	.2	0.	.0	.1	0.	.0	.1	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	.0	.0	.6	.2	.0	0.	.0	.0	0.	0.
5 FLORIDA	0.	.0	.1	.0	.0	0.	0.	0.	.0	0.	0.
6 GEORGIA	.0	1.2	.4	.3	.3	.0	0.	.0	.1	.0	0.
7 ILLINOIS	.0	.1	.1	.0	.1	.7	0.	.1	1.3	.2	.0
8 INDIANA	0.	.3	0.	.1	.5	.2	0.	.3	3.1	.5	0.
9 IOWA	.0	.0	.0	.0	.0	1.0	0.	.0	.3	.0	.0
10 KANSAS	.1	.0	.2	0.	.0	.9	0.	.0	.3	.0	.0
11 KENTUCKY	0.	.7	.0	.6	2.0	.0	0.	.1	.7	.3	0.
12 LOUISIANA	.0	.0	3.6	0.	.0	.0	0.	.0	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.3	0.	.0	0.
14 MICHICAN	0.	.0	.0	.1	.2	.1	0.	.7	7.8	1.6	.0
15 MINNESOTA	.0	.0	.0	.0	.0	1.4	.0	.0	.9	.2	.0
16 MISS.	.0	.2	.3	.0	.0	.0	0.	.0	.0	.0	0.
17 MISSOURI	.0	.0	.2	.0	.0	.8	0.	.0	.4	.1	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.1	0.	.0	0.	0.	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.4	0.	.0	0.
21 NEW JERSEY	0.	0.	0.	.2	0.	0.	0.	.1	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.2	.0	0.	0.	1.8	.3	.3	0.
24 N CARCLINA	.0	.3	.1	2.3	.3	0.	0.	.0	.1	.0	0.
25 N DAKOTA	.1	.0	0.	0.	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	.1	0.	.3	1.6	.0	0.	.6	2.0	.6	0.
27 OKLAHOMA	.1	0.	.5	0.	0.	.3	0.	.0	.1	.0	.0
28 PENN.	0.	.3	.3	.7	.8	0.	0.	.5	.3	.1	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	.3	0.	0.	0.
30 S CARCLINA	0.	.3	.1	.4	.1	1.0	0.	.1	1.9	.4	0.
31 S DAKOTA	.1	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	2.1	.1	1.2	.9	.0	0.	.0	.4	.1	0.
33 TEXAS	.0	.0	8.4	0.	.0	.2	0.	.0	.0	.0	.0
34 VIRGIAIA	0.	.1	.0	3.6	.9	0.	0.	.0	.0	.0	0.
35 W VIRGINIA	0.	.1	.0	1.0	3.0	0.	0.	.4	.0	.0	0.
36 WISCONSIA	0.	.1	0.	.0	.0	1.7	0.	.1	1.7	.4	.0
37 MANITOBA	.0	0.	0.	0.	0.	.0	.0	.0	.2	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.2	0.	.0	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	0.	.3	1.9	1.1	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.5	.0	.8	.0
41 NEWFCLND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.5	7.7	15.1	11.9	11.3	8.6	.0	6.7	24.0	6.6	.0

TABLE D-28. ENAMAP-2N NITRATE CONCENTRATION FOR AUGUST 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO3 CONCENTRATIONS WITHIN RECEPTOR REGIONS 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	.6	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1	.2	.0	.0	0.
2 ARKANSAS	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
5 FLORIDA	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	0.	0.	0.
6 GEORGIA	.6	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0	.0	0.	0.	0.
7 ILLINOIS	.0	.2	.0	.0	.0	.0	.6	.6	.0	.0	.1	.1	.0	.0	0.
8 INDIANA	.0	.0	0.	.1	.0	.0	.2	.7	.0	.0	.4	.0	.0	.1	.0
9 IOWA	.0	.0	.0	.0	0.	.0	.1	.0	.2	.0	.0	.0	.1	.3	0.
10 KANSAS	.0	.0	0.	0.	0.	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0
11 KENTUCKY	.1	.0	0.	.1	.0	.0	.0	.2	.0	.0	.6	.0	.0	.0	0.
12 LOUISIANA	.1	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
14 MICHIGAN	.0	.0	0.	.1	0.	.0	.0	.1	.0	0.	.0	.0	.2	.5	.0
15 MINNESOTA	.0	.0	.0	.0	0.	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1
16 MISS.	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	0.
17 MISSOURI	.0	.1	.0	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	0.	0.	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21 NEW JERSEY	.0	0.	0.	.1	.0	.0	0.	0.	0.	0.	0.	0.	.1	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	0.
23 NEW YORK	.0	0.	0.	.1	.0	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
24 N CAROLINA	.1	.0	.0	.1	.3	.2	.0	.0	.0	.0	.0	.0	.4	0.	0.
25 N DAKOTA	0.	.0	.0	.0	0.	0.	.0	.0	.0	.0	.1	.0	.0	.0	0.
26 OHIO	.0	.0	0.	.2	.0	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0
27 OKLAHOMA	.0	.0	.0	.0	0.	.0	.0	.1	0.	0.	.2	.0	.1	.0	0.
28 PENN.	.0	.0	0.	.6	0.	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	.0	0.	0.	.0	.0	.1	0.	0.
30 S CAROLINA	.1	.1	.0	.0	.1	.2	.3	.3	.0	.0	.1	.0	.0	0.	0.
31 S DAKOTA	0.	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	0.	.0	.2	.0
32 TENNESSEE	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 TEXAS	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0
34 VIRGINIA	.0	.0	.0	.3	.0	.1	.0	.0	.1	.2	.0	.1	.0	.0	.0
35 W VIRGINIA	.0	.0	0.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
36 WISCONSIN	.0	.0	0.	.0	0.	.0	.0	.0	0.	0.	.0	.0	.0	.0	0.
37 MANITOBA	0.	0.	0.	0.	0.	0.	.0	.1	.0	0.	.0	.0	.0	.2	.0
38 N PRVNS	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	0.	0.	.0	.0	.0
39 ONTARIO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
40 QUEBEC	0.	0.	0.	.0	0.	0.	.0	.0	0.	0.	0.	0.	.1	.0	.0
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
TOTAL UG/M3	1.8	1.3	.2	2.4	.7	1.1	1.8	2.4	.6	.7	2.2	1.6	1.5	1.7	.3

TABLE D-28. ENAMAP-2N NITRATE CONCENTRATION FOR AUGUST 1977 (continued)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO3 CONCENTRATIONS WITHIN RECEPTOR REGIONS 16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	.6	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
2 ARKANSAS	.0	.1	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	0.	.0	.0	.2	.0	.0	.1	0.	.0	.0	.1	.1	.0
5 FLORIDA	.0	.0	0.	.0	0.	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
6 GEORGIA	.1	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
7 ILLINOIS	.1	.2	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.1
8 INDIANA	.1	.0	0.	0.	.2	.0	0.	.3	.0	0.	.6	.0	.2	.1	.0
9 IOWA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 KANSAS	.0	.4	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
11 KENTUCKY	.2	.0	0.	0.	.0	.1	0.	.1	.0	0.	.3	.0	.2	.1	.0
12 LOUISIANA	.1	.1	0.	.0	.0	.0	.0	.0	.0	0.	.0	.1	.0	.0	.0
13 MAINE	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14 MICHIGAN	.0	.0	0.	0.	.2	.1	0.	.4	.0	0.	.3	.0	.2	.1	.0
15 MINNESOTA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
16 MISS.	.2	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
17 MISSOURI	.0	.5	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	.0	.0	.0
19 NEBRASKA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
20 NH/VT	0.	0.	0.	0.	.1	.0	0.	.0	0.	.0	.0	.0	.0	.0	0.
21 NEW JERSEY	.0	0.	0.	0.	.0	.6	0.	.1	.0	0.	0.	0.	0.	.1	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	.0
23 NEW YORK	.0	0.	0.	0.	.6	.8	0.	.5	.0	0.	.0	0.	.1	1.8	.0
24 N CAROLINA	.0	.0	0.	.0	.0	.0	.0	.0	.6	0.	.0	.0	.0	.0	.3
25 N DAKOTA	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 OHIO	.0	.0	0.	0.	.2	.2	.0	.4	.0	0.	.6	0.	.7	.3	.0
27 OKLAHOMA	.0	.1	0.	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	0.
28 PENN.	.0	.0	0.	0.	.3	.8	0.	.3	.1	0.	.0	0.	.7	.7	.0
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	0.	0.	.0	.2	.0
30 S CAROLINA	.1	.0	0.	.0	.0	.0	.0	.1	.2	0.	.1	.0	.0	.0	.4
31 S DAKOTA	0.	.0	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	0.	0.
32 TENNESSEE	.2	.0	0.	.0	.0	.0	.0	.0	.1	0.	.1	.0	.0	.0	.0
33 TEXAS	.0	.1	0.	.1	.0	.0	.4	.0	.0	.0	.0	.4	.0	.0	0.
34 VIRGINIA	.0	.0	0.	.0	.0	.1	.0	.0	.2	0.	.0	.0	.0	.0	.1
35 W VIRGINIA	.0	.0	0.	0.	.1	.4	.0	.2	.1	0.	.1	.0	.5	.2	.0
36 WISCONSIN	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.1	0.	.0	.0	.0
37 MANITOBA	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	0.	.0	.0	0.
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39 ONTARIO	0.	0.	0.	0.	.1	.0	0.	.2	.0	.0	.0	0.	.0	.0	0.
40 QUEBEC	0.	0.	0.	0.	.1	0.	0.	.0	0.	0.	0.	0.	.0	.1	.0
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.
TOTAL UG/M3	1.8	1.6	.0	.2	2.0	3.5	.4	2.6	1.4	.0	2.7	1.0	2.8	4.1	1.0

TABLE D-28. ENAMAP-2N NITRATE CONCENTRATION FOR AUGUST 1977 (concluded)

EMITTER REGION	TOTAL 31	CONTRIBUTIONS TO NO3 CONCENTRATIONS WITHIN RECEPTOR REGIONS 32	33	34	35	36	37	38	39	40	41
1 ALABAMA	.0	.2	.0	.0	.0	.0	0.	.0	.0	.0	0.
2 ARKANSAS	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	.0	.0	.1	.0	.0	0.	.0	.0	0.	0.
5 FLORIDA	0.	.0	.0	.0	.0	0.	0.	0.	.0	0.	0.
6 GEORGIA	.0	.2	.0	.0	.0	.0	0.	.0	.0	.0	0.
7 ILLINOIS	.0	.1	.0	.0	.0	.0	0.	.0	.0	.0	.0
8 INDIANA	0.	.2	.0	.0	.2	.0	0.	.0	.1	.1	.0
9 IOWA	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10 KANSAS	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
11 KENTUCKY	0.	.4	.0	.1	.4	.0	0.	.0	.0	.0	0.
12 LOUISIANA	.0	.0	.2	0.	.0	.0	0.	.0	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.0	0.	.0	.0
14 MICHIGAN	0.	.0	.0	.0	.1	.0	0.	.1	.2	.1	.0
15 MINNESOTA	.0	.0	.0	.0	.0	.3	.0	.0	.1	.0	.0
16 MISS.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	0.
17 MISSOURI	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.1	0.	.0	.0
21 NEW JERSEY	0.	0.	.0	.1	.0	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	.0	.1	.0	0.	0.	.3	.0	.0	.0
24 N CARCLINA	.0	.1	.0	.3	.0	0.	0.	.0	.0	.0	0.
25 N DAKOTA	.0	.0	0.	0.	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	.1	.0	.1	.5	.0	0.	.1	.0	.0	.0
27 OKLAHOMA	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0
28 PENN.	0.	.0	.0	.3	.1	0.	0.	.1	.0	.0	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	.1	0.	0.	0.
30 S CARCLINA	.0	.1	.0	.1	.0	.1	0.	.0	.1	.0	.0
31 S DAKOTA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	.4	.0	.1	.1	.0	0.	.0	.0	.0	.0
33 TEXAS	.0	.0	.5	.0	.0	.0	0.	.0	.0	.0	.0
34 VIRGINIA	0.	.0	.0	.5	.1	0.	0.	.0	.0	.0	0.
35 W VIRGINIA	0.	.0	.0	.3	.6	0.	0.	.0	.0	.0	0.
36 WISCONSIN	0.	.0	.0	.0	.0	.2	0.	.0	.1	.0	.0
37 MANITOBA	.0	0.	0.	0.	.0	.0	.0	.0	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.0	0.	.0	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	.1	.1	.1	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.1	.0	.1	.0
41 NEWFOLND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL UG/M3	.1	1.9	.9	2.0	2.2	.8	.0	1.1	.7	.6	.1

TABLE D-29. ENAMAP-2N NITRATE DRY DEPOSITION FOR AUGUST 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO3 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	1.1	.2	.3	.0	.2	.1	.1	.0	.0	.0	.1	.4	.0	.0	0.
2 ARKANSAS	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
5 FLORIDA	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	0.	0.
6 GEORGIA	.8	.1	.0	.0	.2	.9	.0	.0	.0	.0	.0	.1	0.	0.	0.
7 ILLINOIS	.1	.4	.0	.0	.0	.0	1.2	.8	.1	.0	.3	.1	.0	.3	.0
8 INDIANA	.1	.1	0.	.0	.0	.0	.4	1.0	.0	.0	.6	.0	.2	.7	0.
9 IOWA	.0	.0	.0	.0	0.	.0	.2	.0	.5	.1	.0	.0	.0	.1	.1
10 KANSAS	.0	.1	.0	0.	0.	.0	.2	.0	.2	.7	.0	.0	.0	.0	.0
11 KENTUCKY	.2	.0	0.	.1	.0	.0	.0	.2	.0	.0	1.0	.1	.0	.0	0.
12 LOUISIANA	.1	.3	.0	.0	.2	.1	.0	.0	.0	.1	.0	1.6	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
14 MICHIGAN	.0	.0	0.	.0	0.	.0	.1	.2	.0	0.	.1	.0	.3	1.1	.0
15 MINNESOTA	.0	.0	.0	.0	0.	0.	.1	.1	.2	.0	.0	.0	.0	.3	.5
16 MISS.	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	0.
17 MISSOURI	.0	.3	.0	.0	.0	.0	.5	.2	.2	.4	.1	.0	.0	.1	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	0.	0.	0.	.0	.0	.1	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21 NEW JERSEY	.0	0.	0.	.0	.0	.0	0.	0.	0.	0.	0.	0.	.1	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	0.	0.
23 NEW YORK	.0	0.	0.	.1	.0	.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
24 N CAROLINA	.2	.0	.0	.0	.1	.4	.0	.0	.0	.0	.1	.0	.0	.0	0.
25 N DAKOTA	0.	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.1
26 OHIO	.0	.0	0.	.1	.0	.0	.0	.1	0.	0.	.3	.0	.2	.0	0.
27 OKLAHOMA	.0	.1	.0	.0	0.	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0
28 PENN.	.0	.0	0.	.3	0.	.0	.0	0.	0.	0.	.0	.0	.2	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
30 S CAROLINA	.2	.1	.0	.0	.1	.5	.6	.4	.0	.0	.2	.1	.0	.5	.0
31 S DAKOTA	0.	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0
32 TENNESSEE	.3	.3	.0	.0	.0	.1	.1	.1	.0	.0	.3	.2	.0	.0	.0
33 TEXAS	.0	.1	.2	.0	.0	.0	.0	.0	.2	.6	.0	.3	.0	.0	.0
34 VIRGINIA	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
35 W VIRGINIA	.0	.0	0.	.2	.0	.0	.0	.0	0.	0.	.1	.0	.1	.0	0.
36 WISCONSIN	.0	.0	0.	.0	0.	.0	.1	.1	.0	0.	.1	.0	.0	.6	.0
37 MANITOBA	0.	0.	0.	0.	0.	0.	.0	.0	.0	0.	0.	0.	.0	.0	.1
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	.0	.0	0.	0.	.0	0.	.2	.0	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	3.1	2.7	.2	1.3	.9	2.5	3.6	3.3	1.6	2.4	3.3	3.2	2.1	3.9	.9

TABLE D-29. ENAMAP-2N NITRATE DRY DEPOSITION FOR AUGUST 1977 (continued)

EMITTER REGION	TOTAL	CONTRIBUTIONS TO NO3 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS														
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
1 ALABAMA	1.2	.1	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	
2 ARKANSAS	.0	.2	0.	.0	.0	.0	.0	.0	.0	0.	.0	.1	.0	.0	.0	
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
4 DEL/MD/DC	.0	.0	0.	.0	.0	.1	.0	.0	.1	0.	.0	.0	.1	.0	.0	
5 FLORIDA	.0	.0	0.	.0	0.	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	
6 GEORGIA	.3	.0	0.	.0	.0	.0	.0	.0	.1	0.	.0	.0	.0	.0	.1	
7 ILLINOIS	.1	.6	0.	.0	.0	.0	0.	.2	.0	0.	.5	.0	.1	.0	.0	
8 INDIANA	.2	.1	0.	0.	.1	.0	0.	.5	.0	0.	1.1	.0	.3	.1	.0	
9 IOWA	.0	.1	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	
10 KANSAS	.0	.9	0.	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	
11 KENTUCKY	.4	.0	0.	0.	.0	.0	0.	.1	.1	0.	.5	.0	.2	.0	.0	
12 LOUISIANA	.3	.1	0.	.0	.0	.0	.0	.0	.0	0.	.0	.3	.0	.0	.0	
13 MAINE	0.	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	
14 MICHIGAN	.0	.0	0.	0.	.2	.0	0.	.8	.0	0.	.6	.0	.3	.1	.0	
15 MINNESOTA	.0	.1	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	
16 MISS.	.3	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	
17 MISSOURI	.1	1.1	0.	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
19 NEBRASKA	.0	.0	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	0.	
20 NH/VT	0.	0.	0.	0.	.1	.0	0.	.0	0.	0.	0.	0.	0.	.1	0.	
21 NEW JERSEY	.0	0.	0.	0.	.0	.2	0.	.1	.1	0.	0.	0.	.0	.2	.0	
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
23 NEW YORK	.0	0.	0.	0.	.4	.3	0.	.8	.1	0.	.0	0.	.1	1.0	.0	
24 N CAROLINA	.1	.0	0.	.0	.0	.0	.0	.0	1.1	0.	.0	.0	.0	.0	.4	
25 N DAKOTA	0.	.0	.0	.0	.0	.0	0.	.0	0.	.0	.0	.0	.0	.0	0.	
26 OHIO	.0	.0	0.	0.	.2	.1	.0	.7	.1	0.	1.1	0.	1.0	.1	.0	
27 OKLAHOMA	.0	.2	0.	.1	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	0.	
28 PENN.	.0	.0	0.	0.	.2	.3	0.	.6	.1	0.	.0	0.	1.0	.4	.0	
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.0	.0	0.	0.	0.	.0	.1	.0	
30 S CAROLINA	.2	.1	0.	.0	.3	.0	.0	.1	.3	0.	.2	.0	.0	.0	.4	
31 S DAKOTA	0.	.0	.0	.0	.0	0.	.0	.0	0.	.0	.0	.0	.0	0.	0.	
32 TENNESSEE	.5	.1	0.	.0	.0	.0	.0	.0	.1	0.	.1	.1	.0	.0	.0	
33 TEXAS	.0	.2	0.	.2	.0	.0	.3	.0	.0	.0	1.0	.0	.0	0.		
34 VIRGINIA	.0	.0	0.	.0	.0	.0	.0	.0	.5	0.	.0	.0	.1	.0	.1	
35 W VIRGINIA	.0	.0	0.	0.	.1	.1	.0	.3	.2	0.	.1	.0	.7	.1	.0	
36 WISCONSIN	.0	.0	0.	0.	.0	.0	0.	.0	.0	0.	.1	0.	.0	.0	.0	
37 MANITOBA	0.	.0	.0	0.	.0	.0	0.	.0	0.	.0	.0	0.	.0	.0	0.	
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
39 ONTARIO	0.	0.	0.	0.	.1	.0	0.	.4	.0	.0	.0	0.	.1	.0	.0	
40 QUEBEC	0.	0.	0.	0.	.1	0.	0.	.0	0.	0.	0.	0.	.0	.0	0.	
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL (KTON)	3.8	3.8	.0	.5	1.6	1.2	.3	4.8	2.9	.1	4.5	2.8	4.0	2.3	1.2	

Camera Setting: Same Size

TABLE D-29. ENAMAP-2N NITRATE DRY DEPOSITION FOR AUGUST 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO3 DRY DEPOSITIONS WITHIN RECEPTOR REGIONS										
	31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	.0	.3	.4	.0	.0	.0	0.	.0	.0	.0	0.
2 ARKANSAS	.0	.0	.2	.0	.0	.0	0.	.0	.3	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	.0	.0	.1	.0	0.	0.	.0	.0	0.	0.
5 FLORIDA	0.	.0	.0	.0	.0	0.	0.	0.	.0	0.	0.
6 GEORGIA	.0	.2	.2	.0	.0	.0	0.	.0	.0	.0	0.
7 ILLINOIS	.0	.2	.0	.0	.0	.0	0.	.0	.0	.0	0.
8 INDIANA	0.	.3	.0	.1	.2	.0	0.	.1	1.5	1.1	.1
9 IOWA	.0	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0
10 KANSAS	.0	.0	.0	.0	.0	.0	0.	.0	.1	.1	.0
11 KENTUCKY	0.	.6	.0	.1	.4	.0	0.	.1	.2	.2	0.
12 LOUISIANA	.0	.0	2.0	0.	.0	.0	0.	.0	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.1	0.	.0	.0
14 MICHIGAN	0.	.0	.0	.0	.1	.0	0.	.2	3.6	1.9	.1
15 MINNESOTA	.0	.0	.0	.0	.0	.8	.0	.0	.9	.2	.0
16 MISS.	.0	.0	.2	.0	.0	.0	0.	.0	.0	.0	0.
17 MISSOURI	.0	.1	.0	.0	.0	.1	0.	.0	.2	.2	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	.0	.0	0.	0.	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.1	0.	.0	.0
21 NEW JERSEY	0.	0.	.0	.1	.0	0.	0.	0.	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	.0	.1	.0	0.	0.	.6	.1	.2	.0
24 N CAROLINA	0.	.2	.0	.4	.0	0.	0.	.0	.0	.0	0.
25 N DAKOTA	.1	.0	0.	0.	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	.1	.0	.2	.6	.0	0.	.2	.6	.3	.0
27 OKLAHOMA	.0	.0	.2	.0	.0	.0	0.	.0	.0	.0	.0
28 PENN.	0.	.0	.0	.4	.2	0.	0.	.2	.1	.1	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	.1	0.	0.	0.
30 S CAROLINA	.0	.2	.1	.1	.1	.1	0.	.0	1.0	.6	.0
31 S DAKOTA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	.6	.1	.1	.1	.0	0.	.0	.1	.1	.0
33 TEXAS	.0	.0	4.5	.0	.0	.1	0.	.0	.0	.0	.0
34 VIRGINIA	0.	.1	.0	.8	.2	0.	0.	.0	.0	.0	0.
35 W VIRGINIA	0.	.0	.0	.4	.6	0.	0.	.1	.0	.0	0.
36 WISCONSIN	0.	.0	.0	.0	.0	.4	0.	.0	1.1	.5	.0
37 MANITOBA	.0	0.	0.	0.	.0	.0	.1	.0	.3	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.1	0.	.0	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	.0	.2	1.3	1.4	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.2	.0	1.1	.0
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.2	3.1	8.0	2.9	2.4	2.0	.2	2.2	12.1	8.5	.3

Camera Setting: Same Size

TABLE D-30. ENAMAP-2N NITRATE WET DEPOSITION FOR AUGUST 1977

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO3 WET DEPOSITIONS WITHIN RECEPTOR REGIONS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 ALABAMA	.9	.2	.0	.0	.1	.2	.2	.2	.0	.0	.3	.2	.0	.0	0.
2 ARKANSAS	.0	.3	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	0.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	0.
5 FLORIDA	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	0.	0.	0.
6 GEORGIA	.6	.0	.0	.0	.1	1.4	.0	.1	.0	.0	.2	.1	.0	.0	0.
7 ILLINOIS	.0	.0	0.	.0	.0	.0	1.7	.9	.2	.0	.1	.0	.1	.2	.0
8 INDIANA	.0	.0	0.	.0	.0	.0	.4	1.0	.0	0.	.3	.0	.2	.6	0.
9 IOWA	.0	.0	.0	.0	0.	0.	.2	.0	.5	.0	.0	0.	.0	.1	.1
10 KANSAS	0.	.0	.0	0.	0.	.0	.4	.0	.5	.8	.0	0.	.0	.0	.1
11 KENTUCKY	.0	.0	0.	.1	.0	.0	.0	.4	.0	0.	1.2	.0	.0	.0	0.
12 LOUISIANA	.1	.3	.0	.0	.1	.1	.1	.0	.1	.1	.0	1.2	.0	.0	.0
13 MAINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
14 MICHIGAN	.0	.0	0.	.0	0.	0.	.1	.1	.0	0.	.0	.0	.4	1.0	.0
15 MINNESOTA	.0	.0	.0	.0	0.	0.	.1	.0	.1	.0	.0	0.	.0	.1	.4
16 MISS.	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	0.
17 MISSOURI	.0	.0	.0	.0	.0	.0	.9	.2	.5	.3	.0	.0	.0	.1	.1
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	0.	.0	.0	0.	0.	0.	.0	.0	.1	.0	0.	0.	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.
21 NEW JERSEY	.0	0.	0.	.1	0.	.0	0.	0.	0.	0.	0.	0.	.0	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	.0	0.	0.	.0	.0	0.	0.	0.	0.	0.	0.	.0	.8	0.	0.
24 N CARCLINA	.1	.0	.0	.1	.0	.2	.0	.0	.0	.0	.1	.0	.0	.0	0.
25 N DAKOTA	0.	0.	.0	.0	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0
26 OHIO	.0	.0	0.	.1	0.	.0	.0	.1	0.	0.	.2	.0	.3	.0	0.
27 OKLAHOMA	0.	.1	.0	0.	0.	0.	.1	.0	.2	.5	.0	.0	.0	.0	.0
28 PENN.	0.	0.	0.	.5	0.	.0	.0	.0	0.	0.	.0	.0	.3	0.	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
30 S CARCLINA	.1	.0	.0	.0	.0	.4	.8	.5	.2	.0	.1	.0	.1	.3	.0
31 S DAKOTA	0.	0.	.0	0.	0.	0.	.0	.0	.0	.0	.0	0.	.0	.0	.0
32 TENNESSEE	.1	.1	.0	.0	.0	.0	.1	.2	.0	.0	.7	.0	.0	.0	0.
33 TEXAS	.0	.1	.1	0.	.0	.0	.1	.0	.3	.7	.0	.2	.0	.0	.0
34 VIRGINIA	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.
35 W VIRGINIA	.0	.0	0.	.4	.0	.0	.0	.0	0.	0.	.1	0.	.2	.0	0.
36 WISCONSIN	.0	.0	0.	.0	0.	.0	.1	.1	.1	0.	.0	0.	.0	.4	.0
37 MANITOBA	0.	0.	0.	0.	0.	0.	.0	.0	.0	0.	0.	0.	.0	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	0.	0.
39 ONTARIO	0.	0.	0.	.0	0.	0.	0.	.0	0.	0.	.0	0.	.3	.0	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	2.1	1.2	.2	2.2	.4	2.6	5.6	3.8	2.8	2.6	3.5	2.0	3.6	3.1	.8

TABLE D-30. ENAMAP-2N NITRATE WET DEPOSITION FOR AUGUST 1977 (continued)

EMITTER REGION	TOTAL 16	CONTRIBUTIONS TO NO3 WET DEPOSITIONS WITHIN RECEPTOR REGIONS 17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ALABAMA	.5	.1	0.	.0	.0	.0	.0	.0	.0	0.	.1	.0	.0	.0	.0
2 ARKANSAS	.0	.2	0.	.0	.0	.0	.0	.0	.0	0.	.0	.1	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	.0	.0	0.	0.	.0	.2	0.	.1	.0	0.	.0	0.	.1	.1	.0
5 FLORIDA	.0	.0	0.	.0	0.	.0	.0	.0	.0	0.	.0	.0	.0	0.	.0
6 GEORGIA	.1	.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	0.	.0
7 ILLINOIS	.0	.3	0.	.0	.0	.0	.0	.0	.2	0.	.1	.0	.0	.0	.2
8 INDIANA	.1	.1	0.	0.	.1	.0	0.	.2	.0	0.	.5	.0	.1	.0	.0
9 IOWA	.0	.0	0.	.1	.0	.0	0.	.5	.0	0.	1.4	0.	.5	.1	.0
10 KANSAS	0.	1.2	0.	.1	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0	0.
11 KENTUCKY	.0	.0	0.	0.	.0	0.	.0	.0	.0	.0	.0	.4	.0	.0	.0
12 LOUISIANA	.2	.4	0.	.0	.0	.1	0.	.2	.0	0.	1.1	0.	.5	.1	.0
13 MAINE	0.	0.	0.	0.	.0	.0	.0	.0	0.	0.	.0	.2	.0	.0	0.
14 MICHIGAN	.0	.0	0.	0.	.2	.0	0.	.7	.0	0.	.3	.0	.3	.0	0.
15 MINNESOTA	.0	.0	0.	.0	.0	.0	0.	.0	0.	.0	.0	.0	.0	.0	0.
16 MISS.	.2	.1	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
17 MISSOURI	.0	1.0	0.	.0	.0	.0	.0	.0	.0	0.	.0	.0	.0	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0	.1	.2	.0	.0	.0
19 NEBRASKA	0.	.0	0.	.0	.0	0.	.0	0.	0.	0.	0.	0.	0.	0.	0.
20 NH/VT	0.	0.	0.	0.	.1	.0	0.	.0	0.	0.	0.	.0	0.	0.	0.
21 NEW JERSEY	0.	0.	0.	0.	.0	.5	0.	.2	.0	0.	0.	0.	0.	.1	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	.0
23 NEW YORK	.0	0.	0.	0.	.7	.5	0.	1.4	.0	0.	0.	0.	0.	0.	0.
24 N CAROLINA	.0	.0	0.	.0	.0	.0	.0	.0	1.2	0.	.1	.0	.0	.0	0.
25 N DAKOTA	0.	.0	.0	.0	.0	0.	0.	.0	0.	.0	.0	0.	.0	0.	.2
26 OHIO	.0	0.	0.	0.	.3	.1	0.	1.2	.0	0.	1.3	0.	1.4	.3	0.
27 OKLAHOMA	0.	.4	0.	.1	.0	0.	.0	.0	0.	.0	.0	.6	.0	.0	.0
28 PENN.	0.	0.	0.	0.	.3	.5	0.	1.0	.0	0.	.0	0.	2.0	.6	.0
29 RI/MA/CT	0.	0.	0.	0.	.0	.0	0.	.1	.0	0.	0.	0.	0.	.3	0.
30 S CAROLINA	.0	.1	0.	.0	.1	.0	.0	.1	.4	0.	.2	.0	.0	.0	.6
31 S DAKOTA	0.	.0	.0	.0	.0	0.	0.	.0	0.	.0	0.	.0	0.	0.	0.
32 TENNESSEE	.0	.1	0.	.0	.0	.0	0.	.0	.2	0.	.2	.0	.0	0.	.0
33 TEXAS	.0	.3	0.	.1	.0	.0	.1	.0	0.	.0	.2	.0	.1	.0	.0
34 VIRGINIA	.0	.0	0.	0.	.0	.1	.0	.0	.3	0.	.0	.8	.0	.0	0.
35 W VIRGINIA	.0	0.	0.	0.	.2	.2	0.	.5	.0	0.	.1	.0	1.2	.2	.0
36 WISCONSIN	.0	.0	0.	0.	.0	.0	0.	.0	0.	0.	.0	0.	.0	.0	0.
37 MANITOBA	0.	.0	0.	0.	.0	0.	0.	.0	0.	.0	.0	0.	.0	.0	0.
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39 ONTARIO	0.	0.	0.	0.	.2	.0	0.	.3	.0	.0	.0	0.	0.	0.	0.
40 QUEBEC	0.	0.	0.	0.	.0	0.	0.	.0	0.	0.	0.	0.	0.	0.	0.
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	1.3	4.3	.0	.4	2.5	2.2	.1	6.5	2.5	.1	5.5	2.4	6.6	4.1	1.2

TABLE D-30. ENAMAP-2N NITRATE WET DEPOSITION FOR AUGUST 1977 (concluded)

EMITTER REGION	TOTAL CONTRIBUTIONS TO NO3 WET DEPOSITIONS WITHIN RECEPTOR REGIONS										
	31	32	33	34	35	36	37	38	39	40	41
1 ALABAMA	.0	.5	.2	.0	.0	.0	0.	.0	.0	.0	0.
2 ARKANSAS	.0	.3	.1	0.	.0	.0	0.	.0	.0	.0	.0
3 COLORADO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 DEL/MD/DC	0.	.0	.0	.2	.0	.0	0.	.0	.0	0.	0.
5 FLORIDA	0.	.3	.0	.0	.0	0.	0.	0.	.0	0.	0.
6 GEORGIA	.0	.3	.1	.1	.1	.0	0.	.0	.0	.0	0.
7 ILLINOIS	.0	.0	.0	.0	.0	.2	0.	.0	.4	.0	.0
8 INDIANA	0.	.1	0.	.0	.1	.1	0.	.1	1.0	.1	0.
9 IOWA	.0	.0	.0	.0	.0	.3	0.	.0	.1	.0	.0
10 KANSAS	.0	.0	.1	0.	.0	.2	0.	.0	.1	.0	.0
11 KENTUCKY	0.	.2	.0	.2	.6	.0	0.	.0	.2	.1	0.
12 LOUISIANA	.0	.0	1.1	0.	.0	.0	0.	.0	.0	.0	0.
13 MAINE	0.	0.	0.	0.	0.	0.	0.	.1	0.	.0	0.
14 MICHIGAN	0.	.0	.0	.0	.1	.0	0.	.2	2.6	.5	.0
15 MINNESOTA	.0	.0	.0	.0	.0	.5	.0	.0	.3	.0	.0
16 MISS.	.0	.1	.1	.0	.0	.0	0.	.0	.0	.0	0.
17 MISSOURI	.0	.0	.1	.0	.0	.2	0.	.0	.1	.0	.0
18 MONTANA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19 NEBRASKA	.0	0.	.0	0.	0.	.0	.0	.0	.0	.0	.0
20 NH/VT	0.	0.	0.	0.	0.	0.	0.	.1	0.	.0	0.
21 NEW JERSEY	0.	0.	0.	.1	0.	0.	0.	.0	0.	0.	0.
22 NEW MEXICO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23 NEW YORK	0.	0.	0.	.1	.0	0.	0.	.5	.1	.1	0.
24 N CAROLINA	.0	.1	.0	.7	.1	0.	0.	.0	.0	.0	0.
25 N DAKOTA	.0	.0	0.	0.	.0	.0	.0	.0	.0	.0	.0
26 OHIO	0.	.0	0.	.1	.6	.0	0.	.1	.7	.2	0.
27 OKLAHOMA	.0	0.	.1	0.	0.	.1	0.	.0	.0	.0	.0
28 PENN.	0.	.0	.0	.2	.2	0.	0.	.1	.1	.0	0.
29 RI/MA/CT	0.	0.	0.	.0	0.	0.	0.	.1	0.	0.	0.
30 S CAROLINA	0.	.1	.0	.1	.0	.3	0.	.0	.6	.1	0.
31 S DAKOTA	.0	.0	0.	.0	.0	.0	.0	.0	.0	.0	.0
32 TENNESSEE	.0	.7	.0	.3	.3	.0	0.	.0	.1	.0	0.
33 TEXAS	.0	.0	2.7	0.	.0	.1	0.	.0	.0	.0	.0
34 VIRGINIA	0.	.0	.0	1.2	.3	0.	0.	.0	.0	.0	0.
35 W VIRGINIA	0.	.0	.0	.3	1.0	0.	0.	.1	.0	.0	0.
36 WISCONSIN	0.	.0	0.	.0	.0	.6	0.	.0	.5	.1	.0
37 MANITOBA	.0	0.	0.	0.	0.	.0	.0	.0	.1	.0	.0
38 N BRUNS	0.	0.	0.	0.	0.	0.	0.	.1	0.	.0	.0
39 ONTARIO	0.	0.	0.	.0	.0	.0	0.	.1	.7	.4	.0
40 QUEBEC	0.	0.	0.	0.	0.	0.	0.	.1	.0	.3	.0
41 NEWFOUND	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL (KTON)	.2	2.3	4.6	3.5	3.5	2.6	.0	1.7	7.8	2.0	.0